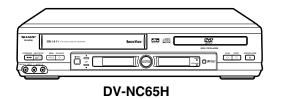
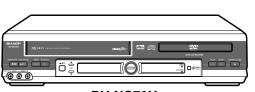
SHARP SERVICE MANUAL

S92P3DV-NC65H



DV-NC65S

VCR/DVD COMBINATION MODEL

















DV-NC65H DV-NC65S **MODELS DV-NC70H**

In the interests of user-safety (Required by safety regulations in some countries) the set should be restored to its original condition and only parts identical to those specified be used.

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1. IMPORTANT SERVICE NOTES

Note

This unit can be used only where the power supply is AC 230V-240V, 50Hz. It cannot be used elsewhere.

CAUTION:

USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

DO NOT STARE INTO THE LASER BEAM OR VIEW WITH OPTICAL INSTRUMENT.

WARNING:

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, AND ANNOYING INTERFERENCE, USE THE RECOMMENDED ACCESSORIES ONLY.

Laser Diode Properties Material: AlGaInP Wave length: 650 nm

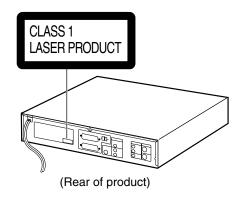
Emission Duration: Continuous Laser output: Max. 0.7 mW

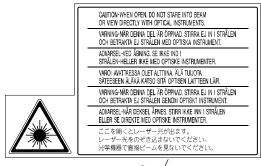
Power Lead Protection

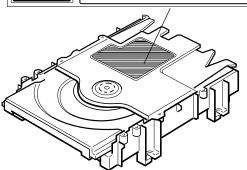
To avoid any malfunctions of the unit, and to protect against electric shock, fire or personal injury, please observe the following.

- Hold the plug firmly when connecting or disconnecting the AC power lead.
- Keep the AC power lead away from heating appliances.
- Never put any heavy object on the AC power lead.
- Do not attempt to repair or reconstruct the AC power lead in any way.

- This Unit is classified as a CLASS 1 LASER product.
- The CLASS 1 LASER PRODUCT label is located on the rear cover.
- This product contains a low power laser device.
 To ensure continued safety do not remove any cover or attempt to gain access to the inside of the product. Refer all servicing to qualified personnel.







VARO! AVATTAESSA OLET ALTTIINA LASERSÄTEILYLLE. ÄLÄ TUIJOTA SÄTEESEEN ÄLÄKÄ KATSO SITÄ OPTISEN LAITTEEN LÄPI.

VARNING - LASERSTRÅLNING NÄR DENNA DEL ÄR ÖPPNAD. STIRRA EJ IN STRÅLEN OCH BETRAKTA EJ STRÅLEN GENOM OPTISKT INSTRUMENT.

2. FEATURES

■ Common Features

- A DVD, CD player and VCR all in one.
- Simultaneous VCR recording and DVD playback.

■ VCR

- WHS Hi-Fi Stereo Sound/Double-Azimuth 4-Heads
- 1 minute Rewind (E-180)
- S-VHS Simple Playback
- HQ (High Quality) Circuitry
- Simple Recording Timer
- Sharp Super Picture

DVD

- Plays DVD, CD (Digital Audio) discs as well as CD-R/CD-RW discs recorded in MP3 file format
- 3D Virtual Surround provides high-quality surround sound
- Digital Gamma correction
- Dolby Digital*1/DTS*2, MPEG Audio digital out capability
- · High-quality digital images
- · High-quality digital sound

3. SPECIFICATIONS

Signal System PAL (DV-NC65H/70H)

PAL/MESECAM (DV-NC65S)

INPUT/OUTPUT JACKS

DVD/VCR shared output jacks VIDEO jack: RCA Pin-jack

AUDIO jack: RCA Pin-jack VIDEO jack: S-Video jack

DVD output jacks VIDEO jack: S-Video jack AUDIO jack: RCA Pin-jack

DIGITAL AUDIO IF: Coaxial digital (DV-NC65H/S)

: Coaxial digital and Optical digital (DV-NC70H)

AUDIO output jack: RCA Pin-jack

VIDEO input jacks VIDEO jack: SCART

AUDIO jack: SCART VIDEO jack: RCA Pin-jack AUDIO jack: RCA Pin-jack

VCR

Video Recording System Rotary Two-Head Helical Scanning

Number of Video Heads 4

Video Signal Standard PAL Colour System (DV-NC65H/70H)

PAL/MESECAM Colour System (DV-NC65S)

Audio Recording System 1 Stationary Head for Linear Audio

2 Rotary Heads for Hi-Fi stereo

Tape Width 12.7 mm

Tape Speed (PAL) (SP) 23.39 mm/sec.

(LP) 11.7 mm/sec. (EP) 7.8 mm/sec.

(NTSC) (SP) 33.35 mm/sec. (Playback only)

(LP) 16.67 mm/sec. (Playback only) (EP) 11.12 mm/sec. (Playback only)

Recording/Playback Time (SP) 240 min. (With E-240 Cassette)

(LP) 480 min. (With E-240 Cassette)

(EP) 720 min. (With E-240 Cassette)

^{*1} Manufactured under license from Dolby Laboratories. "Dolby", "Pro Logic" and the double-D symbol are trademarks of Dolby Laboratories.

^{*2 &}quot;DTS" and "DTS Digital Surround" are trademarks of Digital Theater Systems, Inc.

DV-NC65H/S DV-NC70H

Channel Coverage UHF E21-E69 (DV-NC65H/70H)

VHF E2-E12 + S1-S41; UHF E21-E69 (DV-NC65S)

Antenna Input 75Ω

Video Input Input level: 0.5 to 2.0 Vp-p (75Ω) Video Output Output level: 1.0 Vp-p (75Ω) Audio Output Input level: -3.8 dBs ($47k\Omega$)

(0 dBs = 0.775 Vrms)

Audio Output Output level: $-3.8 \text{ dBs } (1\text{k}\Omega)$

(0 dBs = 0.775 Vrms)

Hi-Fi Audio Dynamic Range: 90 dB

Frequency Response: 20 Hz-20 kHz

Memory Backup 10 minutes

DVD

DVD/VCR shared Video output Output level: 1 Vp-p (75Ω) S video output Y output level: 1 Vp-p (75Ω)

C output level: 1 Vp-p (732)

Audio output Output level: 2 Vrms (1 kHz, 0 dB)

Video signal horizontal resolution 500 lines (450 lines min.)

S/N ratio 60 dB (50 db min.)

Audio signal frequency characteristics For DVD linear PCM playback:

4 Hz to 22 kHz (48 kHz sampling) CD playback: 4 Hz to 20 kHz (JEITA)

S/N ratio CD: 96 dB, 1 kHz (JEITA)

Dynamic range DVD linear PCM: 96 dB (JEITA)

CD: 96 dB (JEITA)

Total harmonic distortion ratio CD: 0.006% (JEITA)

Pickup Wave length: 650 nm (DVD) / 780nm (CD)

Laser output: Max. 0.7 mW

Operating temperature 5 °C to 35 °C (41 °F to 95 °F) Storage temperature -20 °C to 55 °C (-4 °F to 131 °F)

Power supply 230 V-240 V AC, 50 Hz

Power consumption 21 W

Dimensions $W \times H \times D$: 430 mm \times 93.5 mm \times 350 mm (DV-NC65H/S)

 $W \times H \times D$: 430 mm \times 93.5 mm \times 356 mm (DV-NC70H)

Weight 5.3 kg

Specifications are subject to change without notice.

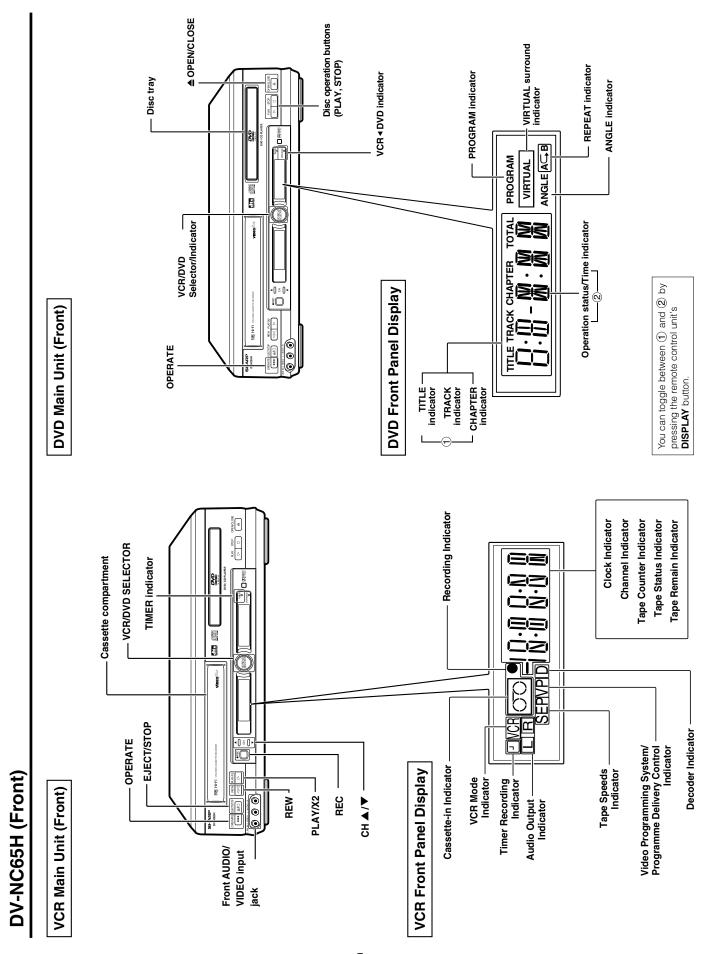
Weight and dimensions are approximate.

3-1. ACCESSORIES

Accessories: Remote control unit \times 1, "AA" size battery (R-6, UM/SUM-3) \times 2,

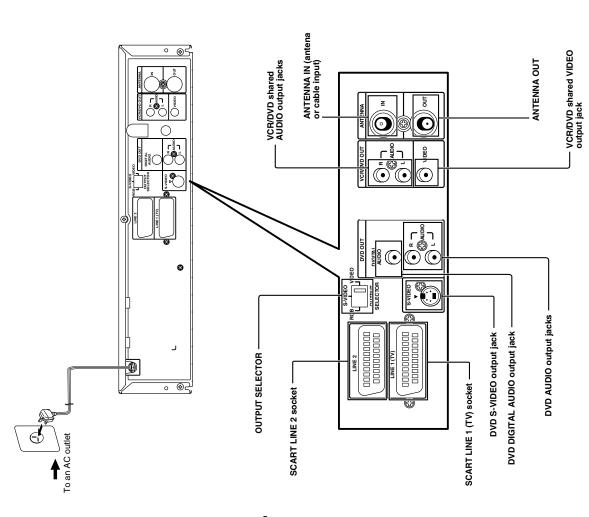
AV cable \times 1, RF cable (75 Ohm, 1 m) \times 1

4. PART NAMES



DV-NC65H (Rear)

Main Unit (Rear)



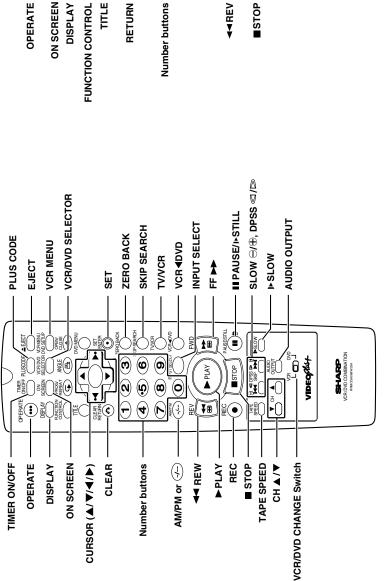
DV-NC65H (Remote Control)

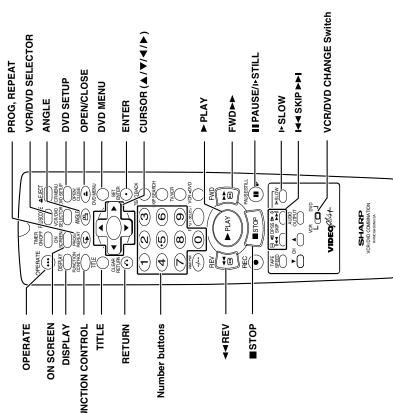
Remote (VCR Operation Buttons)

• The explanations on this page use the VCR/DVD CHANGE Switch in the VCR position.

Remote (DVD Operation Buttons)

The explanations on this page use the VCR/DVD CHANGE Switch in the DVD position.



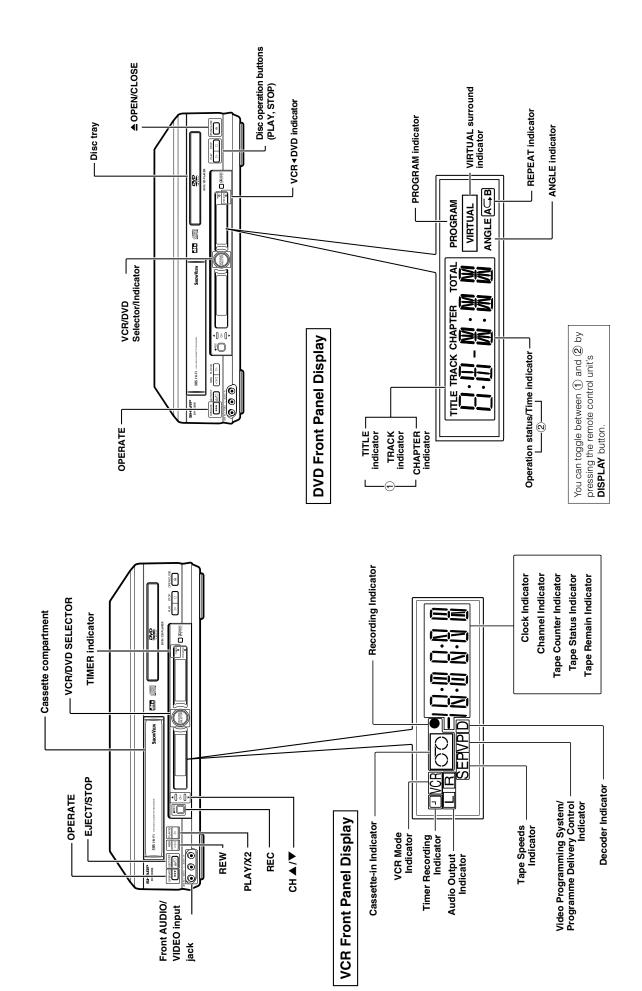


- Do not subject the Remote to shock, water or excessive humidity.
 The Remote may not function if the Unit sensor is in direct sunlight or any other strong light.
 Incorrect use of batteries may cause them to leak or burst. Read the battery warnings and use the batteries properly.
 Do not mix old and new batteries, or mix brands in use.
 Remove the batteries if you do not use the Remote for an extended period of time.

DV-NC65S (Front)

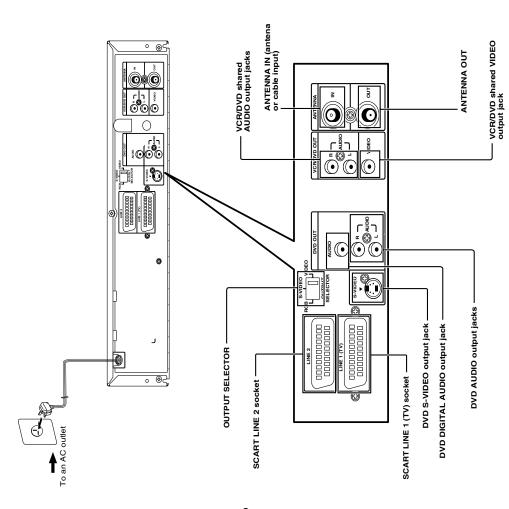
VCR Main Unit (Front)

DVD Main Unit (Front)



DV-NC65S (Rear)





DV-NC65S (Remote Control)

Remote (VCR Operation Buttons)

The explanations on this page use the VCR/DVD CHANGE Switch in the VCR position.

/CR/DVD SELECTOR

MAGE COSE STATE OF THE PROPERTY OF THE PROPERT

ON SCREEN

CURSOR (▲/▼/◀/▶)

CLEAR

Number buttons

VCR MENU

EJECT

SHOWVIEW

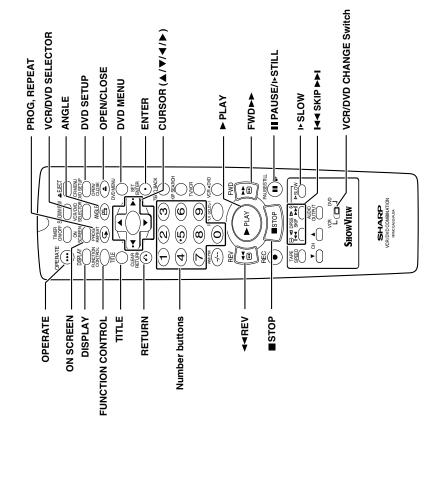
TIMER ON/OFF

OPERATE

DISPLAY

Remote (DVD Operation Buttons)

The explanations on this page use the VCR/DVD CHANGE Switch in the DVD position.



SLOW ⊕/⊕, DPSS

AUDIO OUTPUT

VCR/DVD CHANGE Switch

SHOWVIEW

SHARP VCR.DVD COMBINATION RRACGAGGWLSA

No7S•

II PAUSE/I⊳STILL

INPUT SELECT

量出

10

▼PLAY

▲ REW

AM/PM or 🕂

REC

▶ PLAY

■ STOP

TAPE SPEED

CH ▲/▼

VCR **4**DVD **TV/VCR**

SKIP SEARCH ZERO BACK

- Do not subject the Remote to shock, water or excessive humidity.
 The Remote may not function if the Unit sensor is in direct sunlight or any other strong light.
- Incorrect use of batteries may cause them to leak or burst. Read the battery warnings and use the batteries properly.
- Remove the batteries if you do not use the Remote for an extended period of time

DV-NC70H (Front)



- EJECT/STOP

_ _ _ _

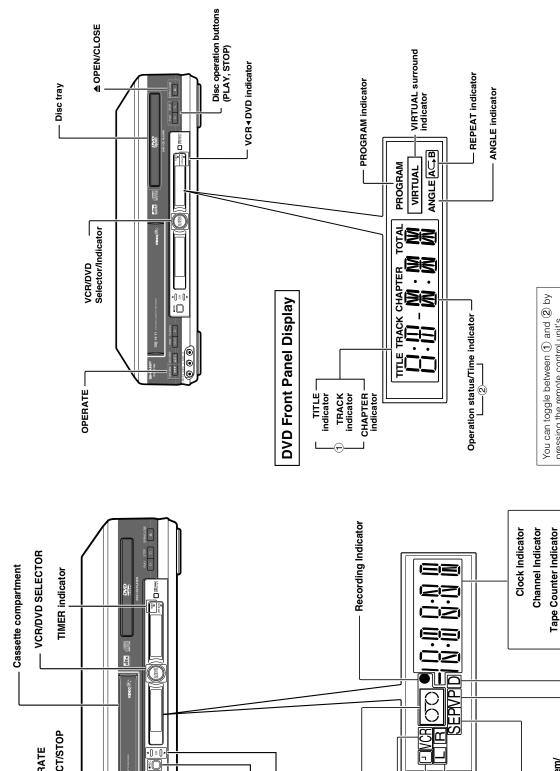
Front AUDIO/ VIDEO input jack PLAY/X2 -

REC

REW

OPERATE





You can toggle between ① and ② by pressing the remote control unit's **DISPLAY** button.

Tape Status Indicator Tape Remain Indicator

Decoder Indicator

Video Programming System/ Programme Delivery Control Indicator

Tape Speeds Indicator

Cassette-in Indicator

VCR Mode Indicator

Timer Recording Indicator

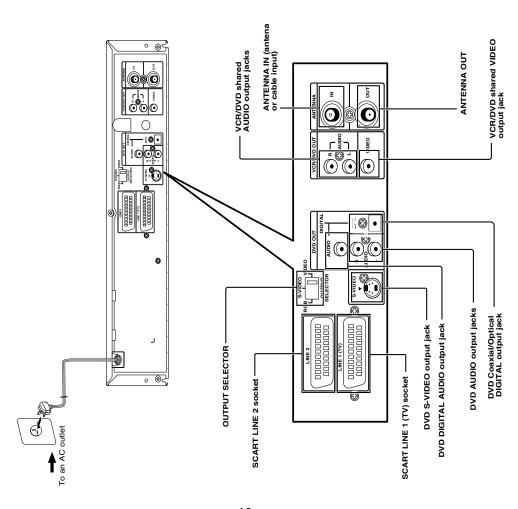
Audio Output – Indicator

VCR Front Panel Display

CH ▲/◀ -

DV-NC70H (Rear)

Main Unit (Rear)



DV-NC70H (Remote Control)

Remote (VCR Operation Buttons)

The explanations on this page use the VCR/DVD CHANGE Switch in the VCR position.

PLUS CODE

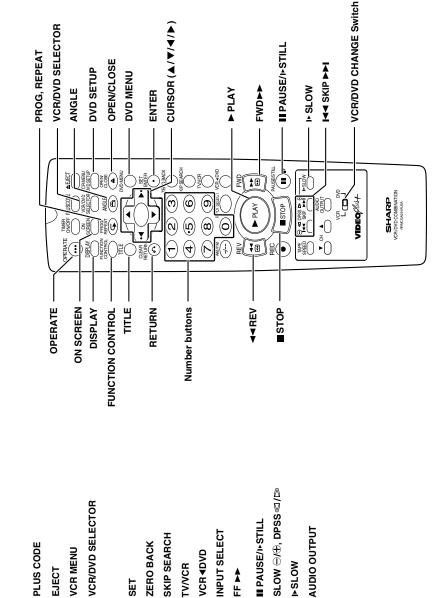
TIMER ON/OFF

VCR MENU

EJECT

Remote (DVD Operation Buttons)

The explanations on this page use the VCR/DVD CHANGE Switch in the DVD position.



INPUT SELECT

量出

▼ PLAY

¥Ŧ

► PLAY REC

▲▲ REW

TAPE SPEED

P\▲HD

STOP

PAUSEISTILL 10

VCR **◆**DVD **TV/VCR**

(7) (8) (9) (1) SELECT VANAMAN (

0

(+)

AM/PM or 4-

SKIP SEARCH

ZERO BACK

SEAR

CLEAR

Number buttons

CURSOR (▲/▼/◀/▶)

ON SCREEN

DISPLAY

OPERATE

AUDIO OUTPUT

E 0

VCR/DVD CHANGE Switch

VIDEO/24

SHARP VCR/DVD COMBINATION PRINCOMBANISA

- Do not subject the Remote to shock, water or excessive humidity.
 The Remote may not function if the Unit sensor is in direct sunlight or any other strong light.
 Incorrect use of batteries may cause them to leak or burst. Read the battery warnings and use the batteries properly.

 - Do not mix old and new batteries, or mix brands in use.
 Remove the batteries if you do not use the Remote for an extended period of time.

5. MAINTENANCE CHECK ITEMS AND EXECUTION TIME

MECHANICAL PARTS REGUIRING PERIODICAL INSPECTION

Use the following table as a guide to maintain the mechanical parts in good operating condition.

Parts Maintained	1,000 hrs.	2,000 hrs.
Pickup	0	0
Spindle Unit		0
Sled Motor		0
Loading Motor		0
Belt		0

Note	: Part Replacement
	: Cleaning
	(For cleaning, use a lint-free cloth danpened with pure isopropyl alcohol.)

CARES WHEN USING THE PICKUP

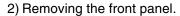
- 1. The laser light having wavelength 650 nm is emitted from the objective lens. BE CAREFUL SO THAT THE LASER LIGHT DOES NOT ENTER DIRECTLY INTO YOUR EYE.
- 2. The semiconductor laser may be easily damaged by electrostatic charges. When handling the pickup, take care so that the electrostatic charge is not generated.
- 3. The semiconductor laser may be easily damaged by overcurrent. Use the power supply unit which does not give any spike current when the power is turned on and off.
- 4. Carefully remove the dust and dirt from the objective lens with the lens blower.

 When handling the objective lens, take due care so that it is not contaminated with fingerprint, etc. If the objective lens is contaminated, impregnate the cleaning paper with a small quantity of solvent (isopropyl alcohol), and gently wipe to clean.
- 5. The ozone layer depleting components (ODC) are not used in the production process for the product.

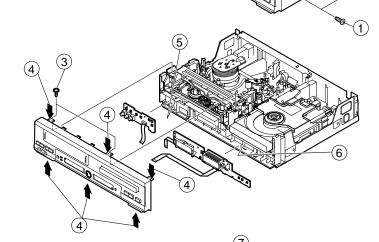
6. DISASSEMBLY METHOD

6-1. DISASSEMBLY METHOD

- 1) Removing the top cabinet.
 - (1) Remove the four screws ① and the three screws ②.



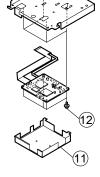
- (1) Remove the two screws ③.
- (2) Release the six hooks 4.
- 3) Removing the front PWB.
 - (1) Release the one hook ⑤ and tilt the PWB toward you to remove it.
 - (2) Release the one hook ⑥ and tilt the PWB toward you to remove it.



4) Removing the DVD mechanism.

- (1) Remove the four screws ⑦ to remove the DVD REINF. angle.
- (2) Remove the two screws (8) and the two screws (9).
- (3) Remove the two screws (10) to remove the angle (DVD) .
- (4) Remove the DVD shield (lower) ①.

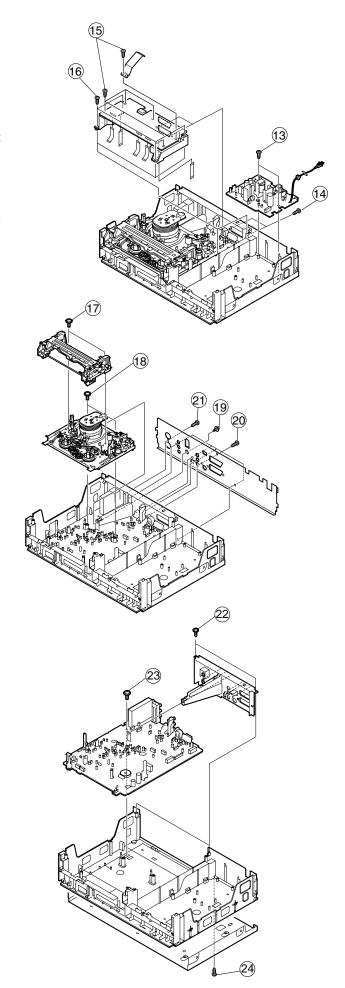
(5) Remove the four screws ② to remove the DVD main PWB unit from the angle (DVD).



DV-NC65H/S DV-NC70H

- (6) Remove the two screws (3) to remove the power PWB unit.
- 5) Removing the rear PWB unit.
 - (1) Remove the two screws (4) (for 21 pin) at rear side.
 - (2) Remove the five screws (5) to remove the rear PWB unit and the earth plate.
 - (3) Remove the five connectors of the FFCs.
 - (4) Remove the rear PWB unit.
 - (5) Remove the four screws (6) to remove the rear PWB holder.
- 6) Removing the cassette housing control/ the VCR mechanism.
 - (1) Remove the two screws (17).
 - (2) Remove the two screws (8).
 - (3) Remove the one screw (9).
- 7) Removing the rear panel/ the antenna terminal cover/ the VCR main PWB unit.
 - (1) Remove the five screws ② at rear side. (four screws in DV-NC65H/S)
 - (2) Remove the one screw (21) for Tuner.
 - (3) Remove the rear panel.
 - (4) Remove the two screws 22.
 - (5) Remove the antenna terminal cover.
 - (6) Remove the one screw 23.
 - (7) Remove the VCR main PWB unit.

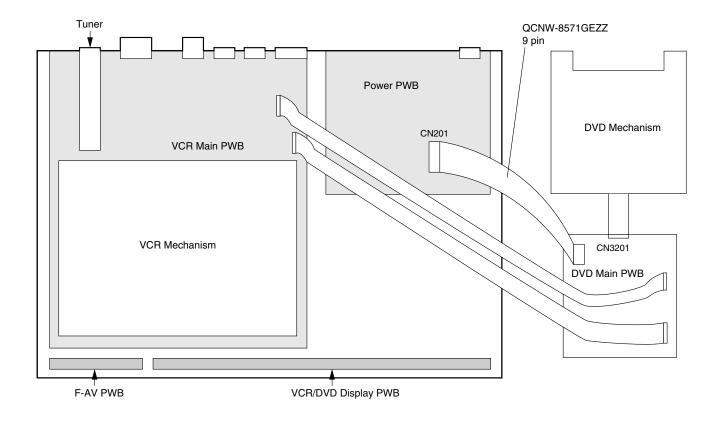
- 8) Removing the bottom plate.
 - (1) Remove the one screw 24.



6-2. EXTENSION CABLE USE POINT (ONE PLACE)

Parts Code	Price Code	Name/Description
QCNW-8571GEZZ	AN	Extension cable (wire), 9pin 500mm
		DVD Main CN3201-Power CN201

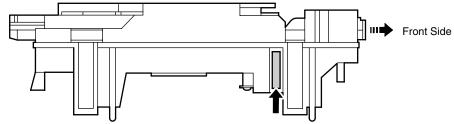
Extension Cable Diagram



6-3. REPLACEMENT OF MAIN PARTS

<Take out disk>

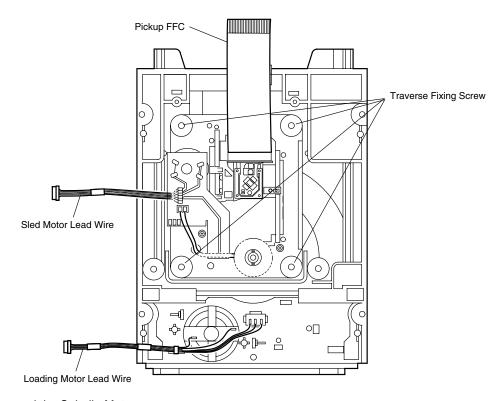
- 1. Remove the mechanism with angle from the set. (refer to (33) on page 130. Remove [K], [M], [N])
- 2. It is in such cases as the thin driver, and it is pushed in slowly, and a tray is drawn in the arrow direction the Slide Rack on the left of the base chassis.
- 3. Take out disk.



<Disassembling and assembling the mechanism chassis>

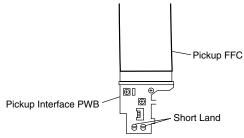
- 1. After setting the mechanism chassis to the angle state, ground it to prevent the electrostatic discharge damage of the pickup.
- 2. Remove the DVD Shield (lower) (40) (refer to the illustration on page 130).
- 3. Remove P, Q from the DVD Main PWB Unit 27. (Pickup Relay FFC 8 isn't removed.) (refer to the illustration on page 130)
- 4. Remove screws fixing the base chassis (located at the back right and at front left when facing the set).
- 5. With the Pickup FFC connected, turn over the base chassis and short (solder) two short lands on the pickup interface PWB in order to prevent the electrostatic discharge damage of the pickup.
- 6. Remove the Pickup FFC from the Main PWB.
- 7. Remove the Pickup FFC from the Pickup Interface PWB.
- 8. Remove the Traverse Fixing Screws to remove the Traverse Chassis ass'y.

Note: After assembling and wiring, remove the solder joint of the short land. If short-circuited, a disk is not played back.



<Replacing the Pickup and the Spindle Motor>

Since the Pickup optical axis and turntable inclination of DVD are adjusted with higher accuracy, make a replacement as a mechanism service chassis ass'y.

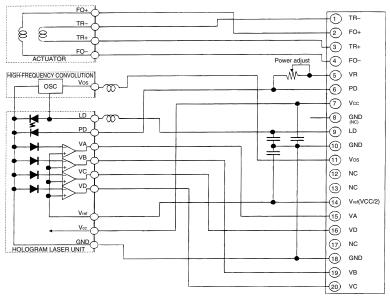


7. OPERATION OF PICKUP

7-1. CIRCUIT CONFIGURATION OF PICKUP

The pickup unit reads signals from the disk, and the flexible cable is connected to the board. The following signals flow through the cable.

7-2. EQUIVALENT CIRCUIT OF PICKUP



7-3. POLARITIES OF SIGNAL

Focus	When electric current is flowed
FO+, FO-	from FO+ to FO-, the lens comes
	to near the disk.
Tracking	When electric current is flowed
TR+, TR-	from TR+ to TR-, the lens goes
	toward the outer circumference.

7-4. SIGNALS OF PICKUP

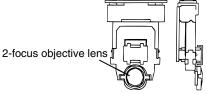
7-4-1. Tracking drive signal (TR+, TR-)

The signal drives the tracking servo mechanism which projects the beam on the track by moving the objective lens (OL) to the outer or inner circumference (at a right angle against the track) of the disk.

7-4-2. Focus drive signal (FO+, FO-)

The signal drives the focus servo mechanism which aligns the focus on the pit of the disk by elevating OL (vertically against the disk surface.)

The VR terminal is connected to GND.



7-4-3. Monitor Diode (PD)

Actuator assembly

Since the laser diode largely varies output of the laser light even if the flowing current is slightly varied, the projection light is detected with the monitor diode to control the laser light to be equally output.

Since the current varies on the monitor diode according to the intensity of the received light of the laser diode, the drive current of the laser diode is reduced if the current of the monitor diode increases. On the contrary, the drive current of the laser diode is increased if the current of the monitor diode decreases.

As the projection light of the laser diode becomes stronger, the current of the monitor diode increases to increase the current which flows into the monitor diode output (PD). This is input to the pin 44 of IC301 and is compared with the reference voltage to control the drive current of the laser diode.

The circuit is called ALPC (Automatic Laser Power Control).

7-4-4. Laser diode drive current control (LD)

Power supply to drive the laser diode

When the quantity of laser light increases, the current shown in figure increases and the PD terminal voltage rises.

IC301 is used to control. The LD terminal voltage

IC301 is used to control. The LD terminal voltage lowers, and the quantity of light reduces. (IC301 is actuated by voltage input.)

7-4-5. High-frequency convolution module power supply (VOSC)

The high-frequency convolution imposes the high-frequency signal on the DC current to impose the high frequency on the drive current of the laser. Thus, the interference of outgoing light and reflected light is prevented.

7-4-6. HF Signal (VA, VB, VC, VD)

Signals recorded in the disk

8. ADJUSTMENT, REPLACEMENT AND ASSEMBLY OF MECHANICAL UNITS

The explanation given below relates to the on-site general service (field service) but it does not relates to the adjustment and replacement which need high-grade equipment, jigs and skill. For example, the drum assembling, replacement and adjustment service must be performed by the person who have finished the technical courses.

8-1. MECHANISM CONFIRMATION ADJUSTMENT JIG

So as to perform completely the mechanism adjustment prepare the following special jigs. So as to maintain the initial performance of the machine the maintenance and check are necessary. Utmost care must be taken so that the tape is not damaged. If adjustment needs any jig, be sure to use the required jig.

No.	Jig Item	Part No.	Code	Configuration	Remarks		
1.	Torque Cassette Meter	JiGVHT-063	CZ		This cassette torque meter is used for checking and adjusting the torque of take-up for measuring tape back tension.		
2.	Torque Gauge	JiGTG0090	СМ				
۷.	Torque Gauge	JiGTG1200	CN		These Jigs are used for checking and adjusting the torque of take-up		
3.	Torque Gauge Head	JiGTH0006	AW		and supply reel disks.		
4.	Torque Driver	JiGTD1200	СВ		When fixing any part to the threaded hole using resin with screw, use the jig. (Specified torque 5 kg)		
	Master Plane Jig and	JiGRH0002	BR		These Jigs are used for checking		
5.	Reel Disk Height Adjusting Jig	JiGMP0001	BY	6.0	and adjusting the reel disk height.		
	Tongian Cauga	JiGSG2000	BS		There are two gauges used for the		
6.	Tension Gauge	JiGSG0300	BF		tension measurements, 300 g and 2.0 kg.		
7.	Pinch pressing force measuring jig	JiGADP003	вк		This Jig is used with the tension gauge. Rotary transformer clearance adjusting jig.		
					This tape is especially used for electrical fine adjustment.		
8.	Alignment Tone	VROCPSV	СК		Video Audio HiFi Audio Track		
0.	Alignment Tape	VNOCESV			625 Monoscope 6 kHz — 35 μm		
					625 Monoscope 6 kHz		
					and and — 49 μm Colour bar 1 kHz		
9.	Guide roller height adjustment driver	JiGDRiVERH-4	AP		This screwdriver is used for adjusting the guide roller height.		
10.	X value adjustment gear driver	JiGDRiVER-6	ВМ		For X value adjustment		
11.	Tension Pole Adjustment Driver	JiGHMEC-M005	СК		This Jig is used for adjustment of tension pole.		

8-2. MAINTENANCE CHECK ITEMS AND EXECUTION TIME

Perform the maintenance with the regular intervals as follows so as to maintain the quality of machine.

Maintained Parts	500 hrs.	1000 hrs.	1500 hrs.	2000 hrs.	Possible symptom encountered	Remarks	
Guide roller ass'y						Abnormal rotation or significant vibration requires replacement.	
Sup guide shaft					Lateral noises Head		
Reverse guide					occasionally blocked	Clean tape contact part with the specified cleaning liquid.	
Slant pole on pole base							
Full erase head					Colour and beating		
A/C head					Small sound or sound distortion		
Upper and lower drum ass'y		0	0	0	Poor S/N ratio, no colour Poor flatness of the envelope with alignment tape	Clean tape contact area with the specified cleaning liquid.	
Capstan D.D. motor					No tape running, uneven color		
Pinch roller					No tape running, tape slack	Clean rubber and rubber conta	
Reel belt				0	No tape running, tape slack, no fast forward/ rewind motion	area with the specified cleaning liquid.	
Tension band ass'y				0	Screen swaying		
Loading motor				0	Cassette not loaded or unloaded		
Idler ass'y				0	No tape running, tape		
Limiter pulley					slack		
Supply/take-up main brake levers				0	Tape slack		
AHC (Automatic head cleaner)		0		0		Replace the roller of the cleaner when it wears down. Just change the AHC roller assembly for new one.	

<Specified> Cleaning liquid Industrial ethyl alcohol

This mechanism does not need electric adjustment with variable resistor. Check parts. If any deviation is found, clean or replace parts.

Video head cleaning procedure

- 1. Apply one drop of cleaning liquid to the cleaning paper with the baby oiler.
- 2. Gently press the cleaning paper against the video head to fix your finger, and move the upper drum so that each head is passed to and fro 5 times (do not move the cleaning paper).
- 3. Wipe with the dry cleaning paper.

Notes:

- · Use the commercially available ethanol of Class 1 as cleaning liquid.
- Since the video head may be damaged, do not move up and down the cleaning paper.
- · Whenever the video head is cleaned, replace the cleaning paper.
- Do not apply this procedure for the parts other than the video head.

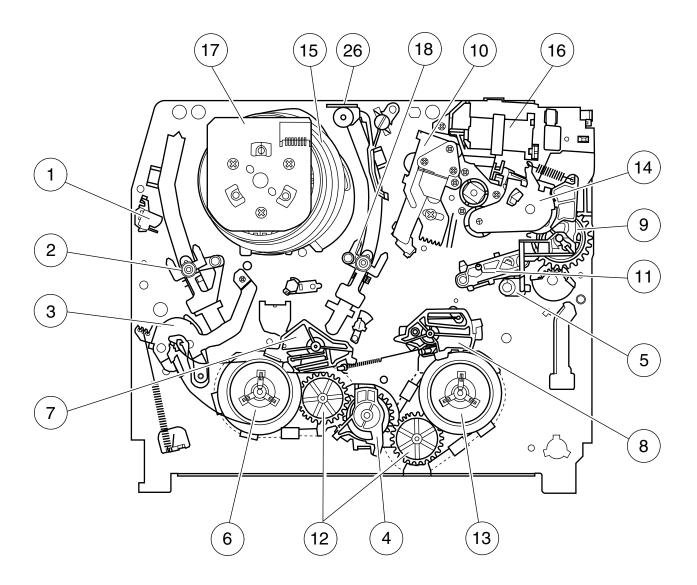
▶ Rotate the upper drum with one hand. ((Gently press the cleaning paper to

fix with your finger, and rotate the upper drum to clean. Move to and fro 5 times for each head.

(Do not move the cleaning paper.)

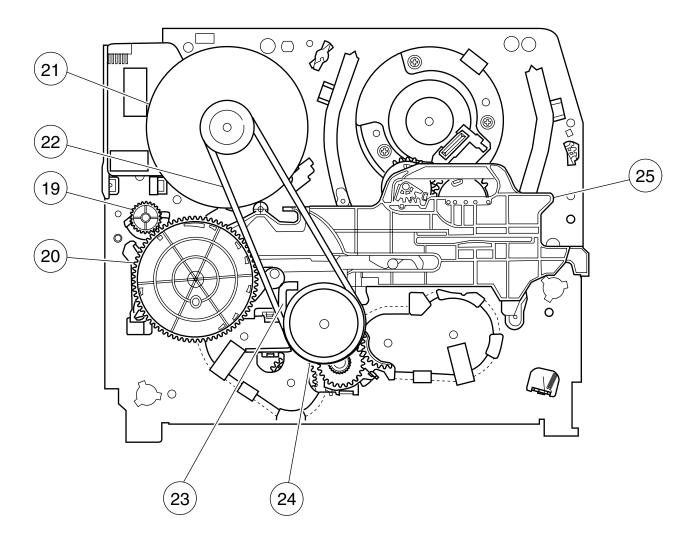
Parts Code	Description	Code
ZPAPRA56-001E	Cleaning Paper	AW
ZOiLR-02-24TE	Babe Oiler (Spoit)	AH

8-3. FUNCTION OF MAJOR MECHANICAL PARTS (TOP VIEW)



No.	Function	No.	Function
1	Full erase head	11	Reverse guide lever ass'y
2	Supply pole base ass'y	12	Reel relay gear
3	Tension arm ass'y	13	Take-up reel disk
4	Idler wheel ass'y	14	Pinch roller lever ass'y
5	Open guide	15	Drum ass'y
6	Supply reel disk	16	Loading motor
7	Supply main brake	17	Drum motor
8	Take-up main brake ass'y	18	Take-up pole base ass'y
9	Pinch drive cam	26	Auto head cleaner Ass'y
10	A/C head ass'y		

FUNCTION OF MAJOR MECHANICAL PARTS (BOTTOM VIEW)

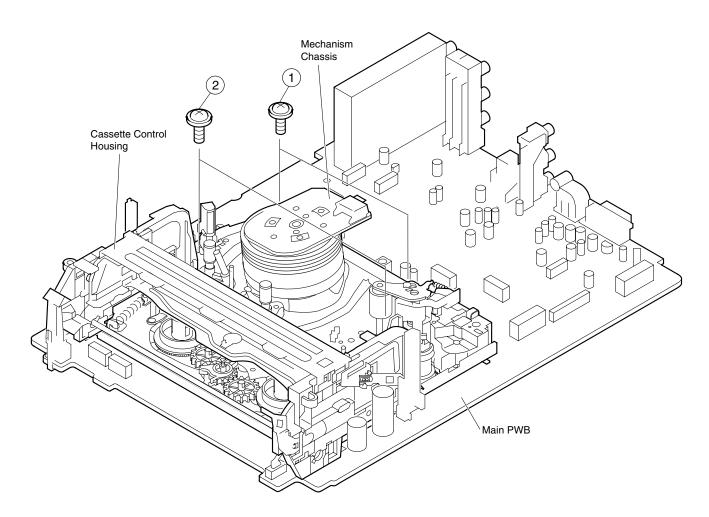


No.	Function	No.	Function
19	Syncro Gear	23	Clutch lever
20	Master cam	24	Limitter pulley ass'y
21	Capstan D.D. motor	25	Shifter
22	Reel belt		

8-4. DISASSEMBLY AND REASSEMBLY

8-4-1. DISASSEMBLING THE MECHANISM

- 1. When removing the mechanism from the set. Remove the two screws ① which connecting mechanism and main frame.
 - Take out vertically the mechanism with attention to its edges, so that it does not damage the adjacent parts.
- 2. Removing the mechanism and cassette housing. Remove the two screws ② fixing the cassette housing to the mechanism, and remove the cassette housing.



8-4-2. CARES WHEN REASSEMBLING

INSTALLING THE CASSETTE HOUSING

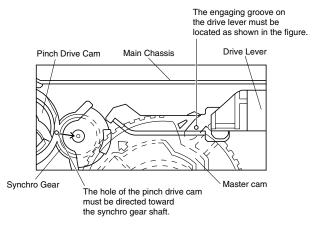
When the cassette housing is installed on the mechanism, the initial setting is essential condition.

There are two initial setting methods, namely electrical and mechanical.

1. Electrical initial setting

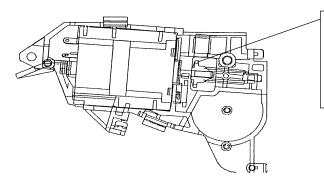
So as to perform initial setting of mechanism execute the Step 1 of Installation of cassette housing. After ascertaining the return to the initial setting position install the cassette housing. (Conditions: When mechanism and Main PWB have been installed)

STATE OF MECHANISM AT THE POSITION WHERE CASSETTE HOUSING WAS INSTALLED



2. Mechanical initial setting

- When performing the initial setting manually, press and turn the flange of the worm as shown in the figure below.
- When applying constant voltage to the loading motor
 - Unsolder at least one of the loading motor wires.
 If voltage is applied with the wires connected, the IC of the capstan motor may be damaged.
 - The voltage applied to the motor must be maximum of 9V.
 - If the mechanism is activated by applying excessive voltage to the motor and is locked in the starting or end position, it may be damaged.
- After confirming that the mechanism is returned to the initial setting position, mount the cassette housing to the specified position. (This method is applied to the mechanism only.)
- After pushing the tip of the drive lever in the position shown in the figure, push the cassette housing backward to mount it to the specified position.



Rotate the flange of worm gear by using thin stick.

CW ---- Loading direction

CCW -- Ejection direction

Note

Be careful not to damage the gear of worm gear and worm wheel gear. It might cause a strange sound.

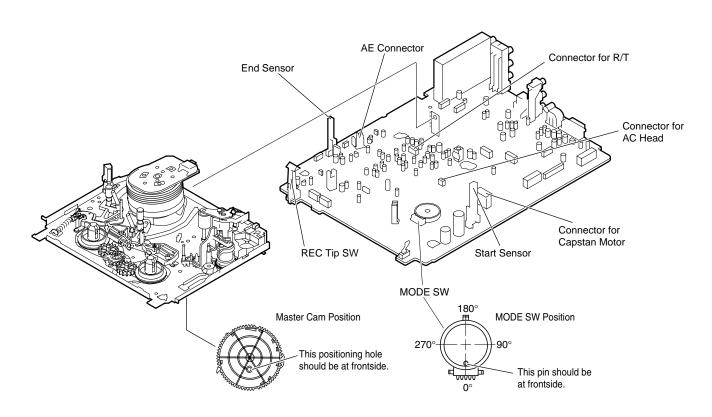
INSTALLING THE MECHANISM ON MAIN PWB

Lower the mechanism vertically with attention to its edges, and mount it without damaging the parts. Engage the pin of the mode SW and the long hole of the master cam.

* Please make sure to insert correctly. If not, strange moving will occur and will couse mechanism damage.

PARTS WHICH NEED PARTICULAR CARE

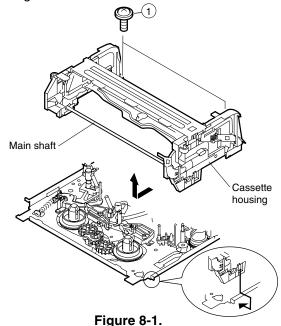
When installing the mechanism chassis on the Main PWB unit, take care so as to prevent deformation due to contact of mechanism chassis with REC Tip SW.



8-5. REMOVING AND INSTALLING THE CA-SSETTE HOUSING

Removal

- 1. In the cassette removing mode, remove the cassette.
- 2. Unplug the power cord.
- 3. Remove in the following numerical order.
 - a) Remove two screws (1).
 - b) Slightly lift the rear of the cassette housing and slide it toward you. Slide the drive lever by pushing it toward you, and disengage the tip of the drive lever from the hole of the chassis. Then, pull up the cassette control housing.



Reassembly

 Before installing the cassette housing control, short-circuit between TP803 and TP802 on VCR Operaton PWB, press the eject button. The master cam turns and stop in eject position. Fit the drive lever to master cam through main chassis, push down and slide the drive lever towards to master cam.

Push the cassette housing backward to mount it to the specified position.

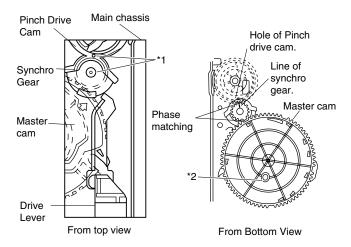


Figure 8-2.

- *1: The hole of the pinch drive cam must be directed toward the synchro gear shaft.
- *2: The long hole of the master cam must be located on the front side.
- 2. Install with the reverse order of removal. After installation is completed, disconnect and connect the AC plug.

Notes

- In the case when you use the magnet screw driver, never approach the magnet driver to the A/C head, FE head, and drum
- 2. When installing or removing, take care so that the cassette housing control and tool do not contact the guide pin or drum.
- 3. After installing the cassette housing control once perform cassette loading operation.

8-6. TO RUN A TAPE WITHOUT THE CASSETTE HOUSING CONTROL ASSEMBLY

- 1. Remove the full-surface panel.
- Short-circuit between TP803 and TP802 on VCR Operation PWB.
- 3. Plug in the power cord.
- 4. Turn off the power switch.
- 5. Open the lid of a cassette tape by hand.
- 6. Hold the lid with two pieces of vinyl tape.
- 7. Set the cassette tape in the mechanism chassis.
- 8. Stabilize the cassette tape with a weight to prevent floating.
- 9. Turn on the power switch.
- 10. Perform running test.

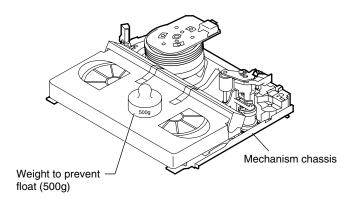


Figure 8-3.

Note:

The weight should not be more than 500g.

To take out the cassette tape.

- 1. Turn off the power switch.
- 2. Take out the cassette tape.

8-7. REEL DISK REPLACEMENT AND HEIGHT CHECK

Removal

- 1. Remove the cassette control housing assembly.
- 2. Remove the Supply/Take-up main brake ass'y.
- Lift the tension band on the reel disk side, remove tension band from the tension arm ass'y.
 (Do not deform it excessively.)
- 4. Remove the reel disk.

Note:

Take care so that the tension band ass'y and main brake ass'y are not deformed.

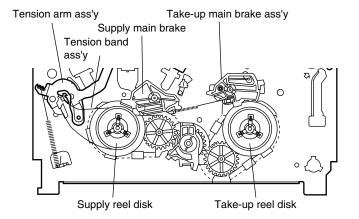


Figure 8-4.

Reassembly (Supply reel disk)

- 1. Clean the reel disk shaft and apply grease (SC-141) to it.
- 2. Match the phases of reel disk and reel relay gear, and set the new reel disk.
- 3. After checking the reel disk height, wind the tension band ass'y around the reel disk.
- 4. Assemble the Supply main brake ass'y.

Notes:

- 1. When installing the reel disk, take due care so that the tension band ass'y is not deformed and grease does no adhere
- 2. Do not damage the Supply main brake ass'y. Be careful so that grease does not adhere to the brake surface.

Reassembly (Take-up reel disk)

- Clean the reel disk shaft and apply grease (SC-141) to it.
- 2. Align the phase of the reel disk to that of the reel relay gear and to install a new take-up reel disk onto the shaft.
- 3. Check the reel disk height and reassemble the take-up main brake ass'y.

Notes:

- Take care so that the Take-up main brake ass'y is not damaged. Take care so that grease does not adhere the brake surface.
- 2. After reassembly, check the video search rewind back tension (see **8-12**), and check the brake torque (see **8-16**).

· Height checking and adjustment

- 1. Set the master plane with due care so that it does not contact the drum.
- 2. When putting the master plane, shift the reverse guide a little in the loading direction. Care must be taken since excessive shift results in damage.

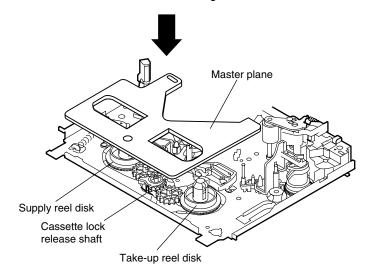
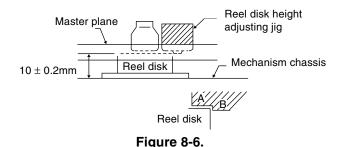


Figure 8-5.

Note:

- Check that the reel disk is lower than part A but higher than part B. If the height is not correct, readjust the reel disk height by changing the poly-slider washer under the reel disk.
- 2. Whenever replacing the reel disk, perform the height checking and adjustment.



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8-8. CHECKING AND ADJUSTMENT OF TAKE-UP TORQUE IN FAST FORWARD MODE

- · Remove the cassette housing control assembly.
- After short-circuiting between TP803 and TP802 provided at VCR Operation PWB, plug in the power cord.

Setting

- 1. Set a torque gauge to zero on the scale. Place it on the take-up reel disk.
- 2. Press the FF button.
- 3. To calculate the remaining capacity of the play back mode, slowly rotate the supply reel disk, and then shift it into the forward mode.

Checking

- 1. Turn the torque gauge slowly (one rotation every 2 to 3 seconds) by hand in the CW direction.
- 2. Make sure that the indication of torque gauge is not less than 25mN·m (255gf·cm).

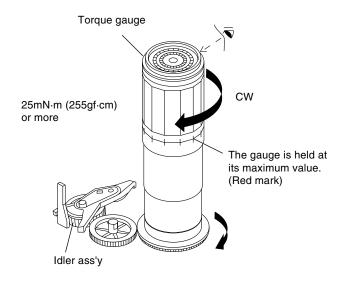


Figure 8-7.

Adjustment

- 1. If the FF winding-up torque is less than the specified value, clean the capstan D.D. motor pulley, reel belt, and limiter pulley with cleaning liquid, and check again.
- 2. If the torque is less than the set value, replace the reel belt.

Notes:

- 1. Hold the torque gauge by hand so that it is not moved.
- 2. Do not keep the reel disk in lock state. Do not allow long-time measurement.

8-9. CHECKING AND ADJUSTMENT OF TAKE-UP TORQUE IN REWIND MODE

- Remove the cassette housing control assembly.
- After short-circuiting between TP803 and TP802 provided at VCR Operation PWB, plug in the power cord.

Setting

- 1. Set a torque gauge to zero on the scale. Place it on the supply reel disk.
- 2. Press the rewind button.
- 3. To calculate the remaining capacity, slowly rotate the take-up reel disk, and then shift it into the rewind mode.

Checking

- 1. Turn the torque gauge slowly (one rotation every 2 to 3 seconds) by hand in the CCW direction.
- 2. Make sure that the indication of torque gauge is not less than 25mN·m (255gf·cm).

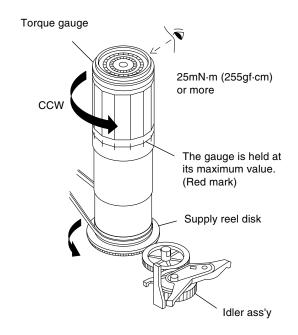


Figure 8-8

Adjustment

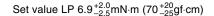
- 1. If the rewind winding-up torque is less than the specified value, clean the capstan D.D. motor pulley, reel belt, and limiter pulley with cleaning liquid, rewind again, and check the winding-up torque.
- 2. If the winding-up torque is still out of range, replace the reel belt.

Notes:

- 1. Hold the torque gauge by hand so that it is not moved.
- 2. Do not keep the reel disk in lock state. Do not allow long-time measurement.

8-10. CHECKING AND ADJUSTMENT OF TAKE-UP TORQUE IN RECORD/PLAYBACK MODE

- · Load the cassette torque meter into the unit.
- Press the picture record button, and set LP picture record mode.



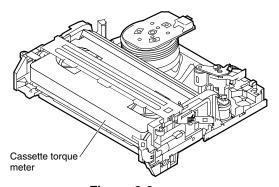


Figure 8-9.

Checking

- 1. Make sure that value is within the setting $6.9^{+2.0}_{-2.5}\,\text{mN}\cdot\text{m}$ (70 $^{+20}_{-25}\,\text{gf}\cdot\text{cm}$).
- 2. The winding-up torque fluctuates due to variation of rotation torque of limiter pulley ass'y. Read the center value of fluctuation as setting.
- 3. Set the LP record mode and make sure that the windingup torque is within setting.

Adjustment

If the playback winding-up torque is not within the setting, replace the limiter pulley assembly.

8-11. CHECKING AND ADJUSTMENT OF TAKE-UP TORQUE IN VIDEO SEARCH REWIND MODE

- · Remove the cassette housing control assembly.
- After short-circuiting between TP803 and TP802 provided at VCR Operation PWB, plug in the power cord.

Setting

Press the playback button and rewind button to set the video search rewinding mode.

Checking

Place the torque gauge on the supply reel disk, and turn it counterclockwise very slowly (one rotation every 1 to 2 seconds) and check that the torque is within the set value $14.1 \pm 3.5 \text{mN} \cdot \text{m}$. ($144 \pm 35 \text{gf} \cdot \text{cm}$)

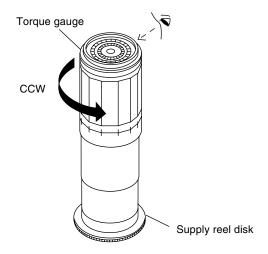


Figure 8-10.

Note:

Surely put the torque gauge on the reel disk to measure. If the torque gauge is raised, accurate measurement is impossible.

Adjustment

If the rewinding playback winding-up torque is not within the setting, replace the limiter pulley assembly.

Note:

The winding-up torque fluctuates due to variation of rotation torque of supply reel disk. Read the center value of fluctuation as setting.

8-12. CHECKING THE VIDEO SEARCH REWIND BACK TENSION

- · Remove the cassette housing control assembly.
- After short-circuiting between TP803 and TP802 provided at VCR Operation PWB, plug in the power cord.

Checking

- 1. After pressing the play button, press the rewind button, and set the video search rewind mode.
- 2. Place the torque gauge on the take-up reel disk, and turn it counterclockwise very slowly (one rotation every 2 to 3 seconds) and check that the torque is within the set value 3.7 ± 1.5 mN·m $(38 \pm 15$ gf·cm).

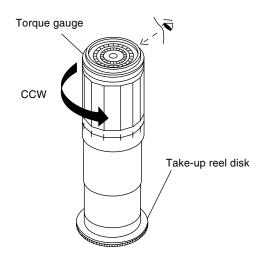


Figure 8-11.

Note:

Set the torque gauge securely on the take-up reel disk. If it is not secure, the measurement will be incorrect.

8-13.CHECKING THE PINCH ROLLER PRESSURE

- * Checking can be perform with or without cassette housing control.
- Remove the cassette housing control assembly.
- After short-circuiting between TP803 and TP802 provided at VCR Operation PWB, plug in the power cord.

Checking

Press the play button to set the playback mode.

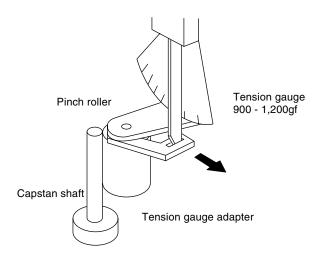


Figure 8-12.

- Detach the pinch roller from the capstan shaft.
 Do not separate excessively. Or the pinch lever and pinch double action lever may disengage.
- 2. Engage the tension gauge adapter with the pinch roller shaft, and pull in the arrow direction.
- 3. Gradually return the pinch roller, and measure the pulling force when the pinch roller contacts the capstan shaft
- 4. Make sure that the measured value is within setting change to 9.8 \pm 2N (1.0 \pm 0.2kgf).

8-14. CHECKING AND ADJUSTMENT OF TENSION POLE POSITION

- Setting (with cassette control housing)
- 1. Insert cassette tape (E-180)
- 2. Make the adjustment with the beginning of a E-180 tape.

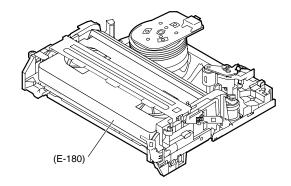
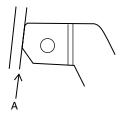


Figure 8-13.

Checking

- Set a cassette tape, push the REC button to place the unit in the SP record mode. Now check the tension pole position.
- 2. Visually check to see if the position of the tension pole is within the 0 $_{-0.2}^{+0.5}$ mm from the left end and the line of Standard-A of the right side of the tension pole.

Standard-A =
$$0^{+0.5}_{-0.2}$$
 mm (+0.5 inside -0.2 outside)



Make the adjustment with the beginning of a E-180 tape.

Figure 8-14.

At left side from the line of Standard-A.

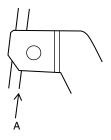


Figure 8-15.

Insert the tension pole adjustment driver to main chassis hole, and rotate clockwise.

At right side from the line of Standard-A.

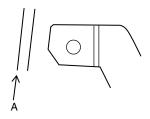


Figure 8-16.

Insert the tension pole adjustment driver to main chassis hole, and rotate counterclockwise.

Tension pole adjustment driver adjusting direction

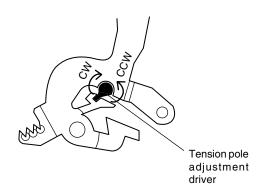


Figure 8-17.

8-15. CHECKING AND ADJUSTMENT OF RECORD/PLAYBACK BACK TENSION

- Setting (with cassette control housing)
- 1. Insert cassette torque meter.

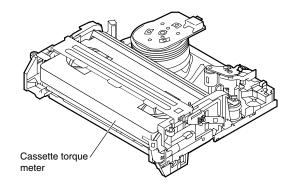


Figure 8-18.

Checking

- 1. Push the REC button to place the unit in the record mode.
- 2. At this time ascertain that the back tension is within the setting 3.9 ~ 5.5mN·m (40 ~ 56gf·cm) by seeing the indication of torque cassette meter.

DV-NC65H/S DV-NC70H

Adjustment

- If the indication of torque cassette meter is lower than the setting, shift the tension spring engagement to the part A.
- If the indication of torque cassette meter is higher than the setting, shift the tension spring engagement to the part B

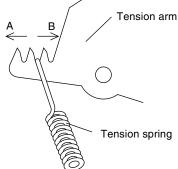
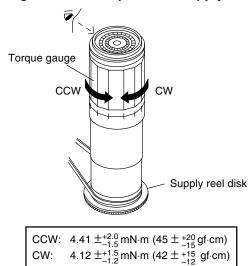


Figure 8-19.

8-16. CHECKING THE BRAKE TORQUE

· Checking the brake torque at the supply side



-1.2 \ -12

Figure 8-20.

- Remove the cassette housing control assembly.
- After short-circuiting between TP803 and TP802 provided at VCR Operation PWB, plug in the power cord.

Setting

- 1. Switch from the FF mode to the STOP mode.
- 2. Disconnect the power cord.
- Set a torque gauge to zero on the scale. Place it on the supply reel disk.
- Please check Idler gear not contact with reel relay gear (SU side)

Checking

Turn the torque gauge at a rate of about one turn/2 sec in the CW direction/CCW direction with respect to the supply reel disk so that the reel disk and torque gauge pointer rotate at equal speed, and make sure the value is within the setting (CW direction: $4.12 \pm ^{+1.5}_{-1.2}$ mN·m ($42^{+15}_{-1.5}$ gf·cm); CCW direction: $4.41^{+2.0}_{-1.5}$ mN·m ($45^{+20}_{-1.5}$ gf·cm).

· Checking the brake torque at the take-up side

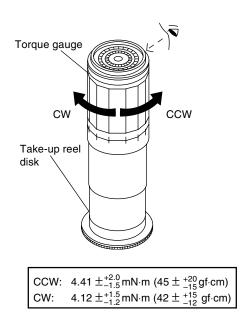


Figure 8-21.

- Remove the cassette housing control assembly.
- After short-circuiting between TP803 and TP802 provided at VCR Operation PWB, plug in the power cord.

Setting

- 1. Switch from the FF mode to the STOP mode.
- 2. Disconnect the power cord.
- Set a torque gauge to zero on the scale. Place it on the take-up reel disk.
- 4. Please check Idler gear not contact with reel relay gear (TU side)

Checking

- Turn the torque gauge at a rate of about one turn/2 sec in the CCW direction/CW direction so that the reel disk and torque gauge pointer rotates at equal speed and make sure that the value is within the setting (CCW direction: 4.41 ^{+2.0}_{-1.5} mN·m (45 ⁺²⁰₋₁₅ gf·cm), CW direction: 4.12 ^{+1.5}_{-1.2} mN·m (42 ^{+1.5}_{-1.2} gf·cm).
- Adjustment of the brake torque at the supply side and the take-up side
- Unless the supply side brake torque or take-up side brake torque is within the setting, clean the felt surface of reel disk (supply, take-up) brake lever, check again the brake torque.
- If value cannot be set within the setting yet, replace the main brake ass'y or main brake spring.

8-17. REPLACEMENT OF A/C HEAD

1. In eject position unplug the power cord.

Removal

- Take out FFC holder from main chassis. (Push 3 hooking point and pull-up the holder).
- 2. Remove the screws ①②③, Tilt screw.
- 3. Unsolder the PWB fitted to the A/C head.

Notes:

- When replacing, never touch the head. If you touched, clean with the cleaning liquid.
- 2. When removing the screw ③, take care so that the spring may out.

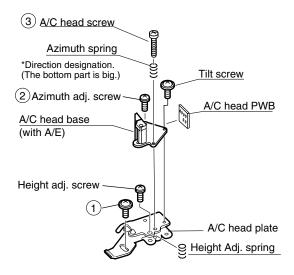


Figure 8-22.

Replacement

- 1. Solder the removed PWB to the new head assembly.
- Adjust the height from the A/C head plate (lower surface) to the A/C head base to 10.8mm with slide calipers. (3 places of azimuth screw section, tilt screw section and A/ C head front section) (See the figure below.)

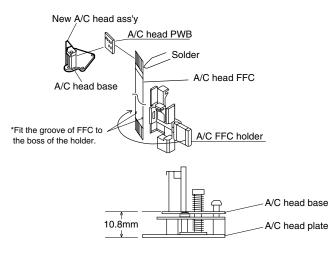


Figure 8-23.

3. Align the left end of gear of A/C head plate with the punched mark of chassis, tentatively tighten the screws ① so as to ensure smooth motion of A/C head plate. Tentative tightening torque must be 0.45 ± 0.05N·m (4.5 ± 0.5kgf·cm) and final tightening torque must be 0.6N·m (6kgf·cm).

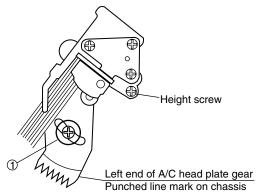


Figure 8-24.

Notes:

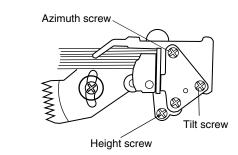
AC Head

FFC Holder

- 1. If the screw ① is tighten tentatively too loose, the azimuth and height of A/C head may change when they are finally tightened. Therefore care must be taken.
- After completion of A/C head be sure to adjust tape running. (Execute the running adjustment by the method described in 8-19.)

8-18. A/C HEAD HEIGHT ROUGH ADJUSTMENT

Setting



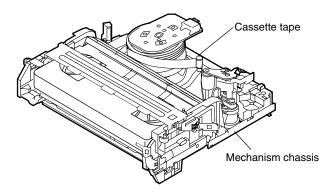


Figure 8-25.

- 1. Set the cassette tape in the unit.
- Press the PLAY button to put the unit in the playback mode.
- Roughly adjust the height of the A/C head by turning the height screw until the tape is in the position shown below.

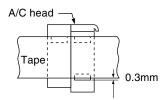


Figure 8-26.

Adjustment

Adjust the height screw visually so that the control head is visible 0.3 mm below the bottom of the tape.

8-19. ADJUSTMENT OF TAPE DRIVE TRAIN

- 1. Tape run rough adjustment
 - ① Check and adjust the position of the tension pole. (See **8-14**.)
 - ② Check and adjust the video search rewind back tension. (See **8-12**.)
 - ③ Connect the oscilloscope to the test point for ATR signal output (TP201). Set the synchronism of the oscilloscope to EXT. The PB CHROMA ATR signal is to be triggered by the head switching pulse (TP202).
 - 4 Set the alignment tape (VROCPSV) to play.

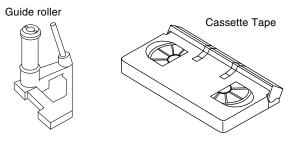


Figure 8-27.

- (5) Press the tracking button (+), (-) and change the ATR signal waveform from max to min and from min to max. At this time make sure that the ATR signal waveform changes nearly parallel.
- ⑥ Unless the ATR signal waveform changes nearly parallel, adjust the height of supply side and take-up side guide roller so that the envelope waveform changes nearly parallel. (For ATR signal adjustment procedure refer to Figure 8-31.)
- Turn the tilt screw to remove the tape crease at the fixing guide flange.
 - Playback the tape and check for tape crease at the fixing guide flange.
 - (1) If there is no tape crease
 - Turn the tilt screw clockwise so that tape crease appears once at the flange, and then return the tilt screw so that the crease disappears.
 - (2) If there is tape crease
 - Turn counterclockwise the tilt screw so that the tape crease disappears.
 - (Reference) If the tilt screw is turned clockwise crease appears at the lower flange.

Notes:

- Previously set the tracking control in the center position, and adjust the ATR signal waveform to maximum with X value adjustment nut. Thereby the tape run rough adjustment is facilitated.
- 2. Especially the outlet side ATR signal waveform must have higher flatness.



Figure 8-28.

- 2. Adjustment of A/C head height and azimuth
 - 1 Perform the initial setting of A/C head position by the method stated in "8-17 Replacement 3".
 - (2) Connect the oscilloscope to the audio output terminal.
 - ③ Using the alignment tape in which 1 kHz linear audio signal has been recorded, adjust the height screw so as to get max audio output.
 - 4 Using the alignment tape in which 7 kHz linear audio signal has been recorded, adjust the azimuth screw so as to get max audio output.
 - (5) The adjustment of (3) and (4) twice or three times repeat, and finally adjust (4).

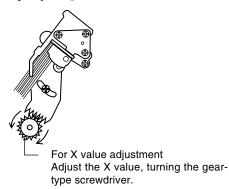


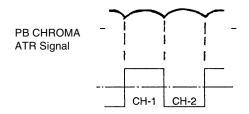
Figure 8-29.

- 3. Tape run adjustment
 - ① Connect the oscilloscope to PB CHROMA ATR signal output test point, set oscilloscope sync to EXT, trigger-input the PB CHROMA signal (head switching pulse).
 - ② Rough adjustment of X value Tentatively fix A/C head arm screws ① by the method described in "8-17 Replacement 3".

Playback the alignment tape (VROCPSV) and shortcircuit between TP803 and TP802 on VCR Operation PWB. As a result the auto-tracking is automatically cancelled, so that the X value adjustment mode is set.

Move the A/C head with the X value adjustment gear driver (JiGDRiVER-6) by the method shown in **Figure 8-34**, and adjust the A/C head so as to get the maximum ATR signal waveform. (Note: When the A/C head is adjusted, adjust so that the maximum ATR signal waveform is obtained nearest the position of initial setting made in **8-17**.)

- ③ Next, press the tracking button (+), (-) and change the ATR signal waveform from max to min and from min to max. At this time adjust the height of supply and take-up side guide roller with the adjustment driver (JiGDRiVERH-4) so that the ATR signal waveform changes nearly parallel.
- 4 If the tape is lifted or sunk from the helical lead surface, the PB CHROMA ATR signal waveform appears as shown in **Figure 8-31**.
- (5) Press the tracking button (+), (–) and make sure that the ATR signal waveform changes nearly parallel.
- ⑥ Finally, check tape crease near the reverse guide. If tape crease is found, adjust tilt screw 45° counter clockwise. Small tape crease will appear at retain guide after this adjustment finished.



Head switching pulse Figure 8-30.

	When the tape is ab	ove the helical lead.	When the tape is below the helical lead.		
	Supply side	Take-up side	Supply side	Take-up side	
Adjustment	Supply side guide roller rotated in clockwise direction (lowers guide roller) to flatten ATR signal.	Take-up side guide roller rotated in clockwise direction (lowers guide roller) to flatten ATR signal.	Supply side guide roller rotated in counterclock-wise direction (raises guide roller) to make the tape float above the helical lead. The supply side guide roller is then rotated in the clockwise direction to flatten the ATR signal.	Take-up side guide roller rotated in counterclock-wise direction (raises guide roller) to make the tape float above the helical lead. The take-up side guide roller is then rotated in the clockwise direction to flatten the ATR signal.	

Figure 8-31.

4. A/C head X value adjustment

- ① Fix A/C head arm screws ① and ② tentatively by the method described in "8-17 Replacement 3".
- ② Playback the alignment tape (VROCPSV), and shortcircuit between TP803 and TP802 on VCR Operatin PWB. As a result the auto-tracking is automatically cancelled, so that the X value adjustment mode is set.
- 3 Move the A/C head with the X value adjustment gear driver by the method shown in Figure 8-34, and adjust the A/C head so as to get the maximum ATR signal waveform. (Note: At this time adjust so as to get the maximum ATR signal waveform nearest the A/C head position which has been set in case of X value rough adjustment as stated in 8-19, 3-2.)
- 4 Adjust the playback switching point (Refer to the electric adjustment method.)
- ⑤ Playback the self-picture-recorded tape, and check the flatness of ATR signal waveform and sound.

Notes:

When the A/C head X value adjustment is performed, be sure to perform at first X value rough adjustment (refer to 8-19, 3-2).

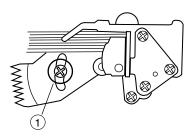


Figure 8-32.

8-20. REPLACEMENT OF THE CAPSTAN D.D. (DIRECT DRIVE) MOTOR

· Remove the mechanism from the set.

• Removal (Follow the order of indicated numbers.)

- 1. Unsolder loading motor wire and drum FFC to remove them from Capstan D.D. motor control PWB.
- 2. Remove the reel belt 1.
- 3. Remove the three screws 2.

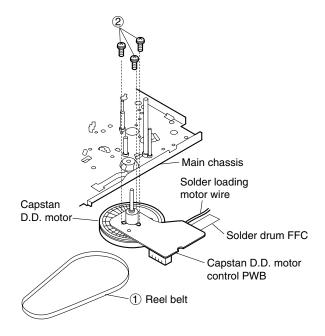


Figure 8-33.

Reassembly

- 1. Taking care so that the capstan shaft does not contact the mechanism chassis, set its position on the mechanism chassis, and then install with the three screws ②.
- 2. Install the reel belt 1.
- 3. Solder loading motor wire and drum FFC to the capstan D.D. motor control PWB.

Notes:

- After installing the capstan D.D. motor, be sure to rotate the capstan D.D. motor and check the movement.
- 2. Load a tape, and check for wrinkles on the tape near the reverse guide in the playback mode. Make adjustments according to "2. Adjustment of A/C head height and azimuth" in "8-19. ADJUSTMENT OF TAPE DRIVE TRAIN". If wrinkles are found, make adjustments according to "3. Tape run adjustment" in the same section.
- When soldering the FFC and the loading motor wires, do not scatter solder over the magnet of the capstan rotor.

8-21, REPLACEMENT OF DRUM D.D. MOTOR

- 1. Set the ejection mode.
- 2. Withdraw the main power plug from the socket.

Removal (Perform in numerical order.)

- 1. Disconnect the FFC cable (1).
- 2. Unscrew the D.D. stator assembly fixing screws ②.
- 3. Take out the D.D. stator assembly ③.
- 4. Unscrew the D.D. rotor assembly fixing screws (4).
- 5. Take out the D.D. rotor assembly ⑤.

Notes:

- In removing the D.D. stator assembly, part of the drum earth spring pops out of the pre-load collar. Be careful not to lose it.
- Install, so that the D.D. rotor ass'y and upper drum ass'y mounting direction check holes align. (Align the upper drum dent with the rotor hole.)
- 3. Be careful not to damage the upper drum or the video head.
- 4. Protect the hole elements from shock due to contact with D.D. stator or D.D. rotor ass'y.
- After installation adjust the playback switching point for adjustment of servo circuit.

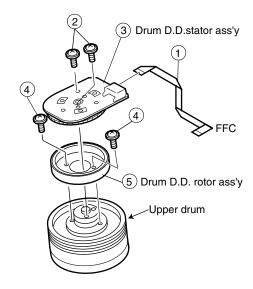


Figure 8-34.

8-22. REPLACING THE UPPER AND LOWER DRUM ASSEMBLY

- Replacement (Perform in the numerical order)
- ① Remove the motor as stated in **8-21** Replacement of Drum D.D. motor.
- 2 Remove the drum earth brush ass'y 2.
- (3) Remove the upper and lower drum assembly from main chassis (1).
- (4) Remove the drum FFC holder (3).

[Cares when replacing the drum]

- 1. Be careful so that the drum earth brush is not lost.
- 2. Do not touch directly the drum surface.
- 3. Fit gently the screwdriver to the screws.
- 4. Since the drum assembly is an extremely precise assembly, it must be handled with utmost care.
- 5. Make sure that the drum surface is free from dust, dirt and foreign substances.
- 6. After replacing the drum be sure to perform the tape running adjustment.
 - After that, perform also the electrical adjustment.
 - · Playback switching point adjustment
 - X-position adjustment and check
 - Standard and x-3 slow tracking adjustment
- 7. After replacing the drum clean the drum.

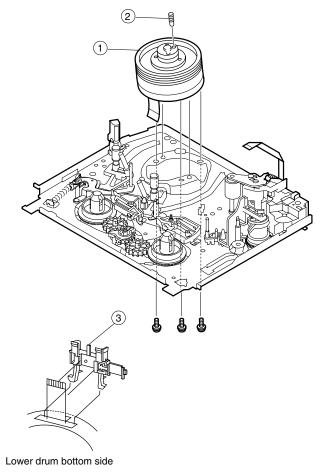


Figure 8-35.

8-23. ASSEMBLING OF PHASE MATCHING MECHANISM COMPONENTS

- Assemble the phase matching mechanism components in the following order.
- 1. Assemble the reverse guide lever and pinch drive cam.
- 2. Mounting the sifter (on the back of the mechanism chassis).
- 3. Mounting the master cam (on the back of the mechanism chassis).
- 4. Assemble synchro gear (on the back of the mechanism chassis).
- 5. Assemble the loading motor parts.

Pinch drive cam and REVERSE GUIDE LEVER assembling method.

(Assemble the following parts in numerical order.)

- (1)Pinch drive cam (1)
- (2) Reverse guide spring (2)
- (3) Reverse guide lever ass'y (3)
- (4)Open guide 4

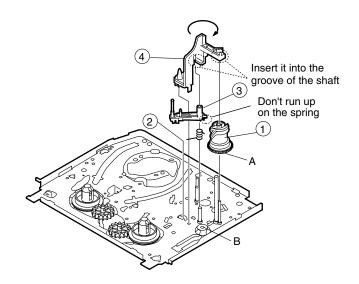
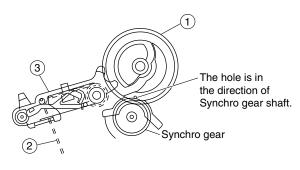
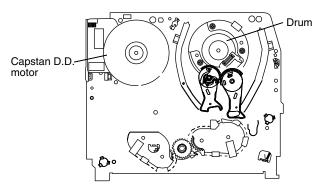


Figure 8-36.



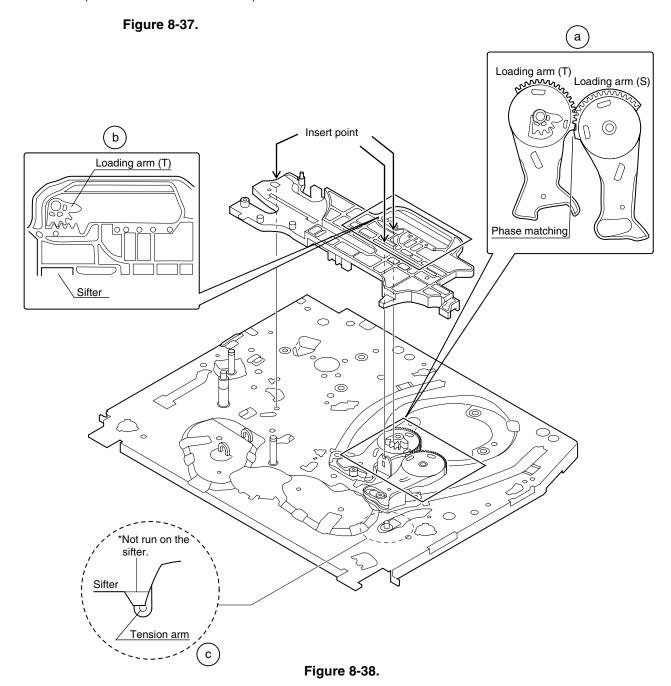
From Top View

8-24. INSTALLING THE SIFTER



(Bottom side of mechanism chassis)

- * Remove the SUP/TU main brake before installation.
- 1. Make sure that the loading arm T and S are at the Phase-Matching point as shown below (a).
- 2. Fix the sifter position setting part to the roading arm T position setting part as shown in figure (b).
- 3. Make sure tension arm not run on the sifter as shown in figure (c).



8-25. INSTALLING THE MASTER CAM (AT REAR SIDE OF MECHANISM CHASSIS)

- 1. Before installing the master cam, make sure that the sifter is at initial position. (Right side from bottom view)
- Place the master cam by pushing in so that the long hole of the master cam comes to the front side as shown below.
- 3. Fix the E-ring.
- 4. Adjust the master cam and pinch drive cam, fix the synchro gear in correct position.

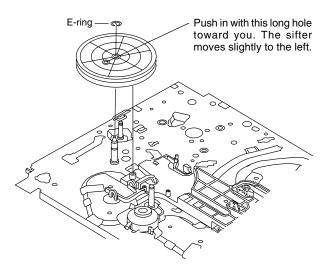


Figure 8-39-1.

Note:

See the figure below for the phase matching between the master cam synchro gear and pinch drive cam.

- Phase alignment of the master cam and the synchro gear:
 - Align the wide tooth space and the composite tooth.
- Phase alignment of the synchro gear and the pinch drive cam;

Adjust the teeth so as to orient the rib of the synchro gear and the hole of the pinch drive cam.

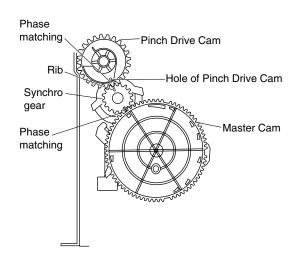


Figure 8-39-2.

8-26. REPLACEMENT OF LOADING MOTOR

Removal

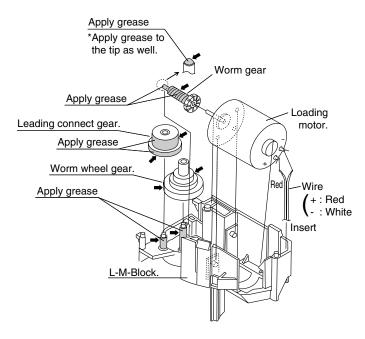


Figure 8-40.

Replacement

Remove the loading motor, and install the replacement loading motor as shown below.

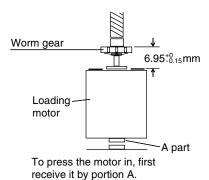


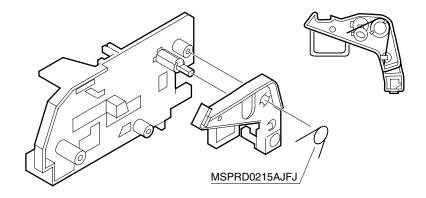
Figure 8-41.

The loading motor pressing-in must be less than 196N (20 kgf).

Adjust the distance between motor and pulley to 6.95 $^{+0}_{-0.15}$ mm.

8-27. ASSEMBLY OF CASSETTE HOUSING

1. Proof lever, Proof lever spring and Holder R



*Proof lever spring fixing direction designated.

Figure 8-42.

2. Open lever, Sensor Plate and Drive Lever to Frame R

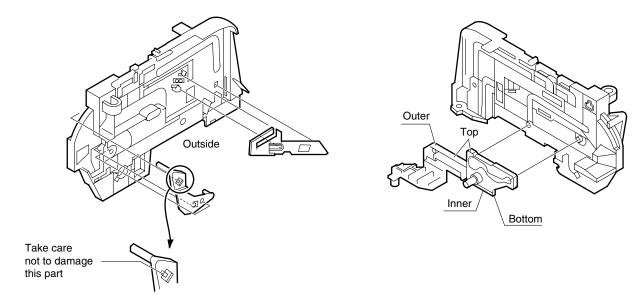


Figure 8-43.

3. Spring to Drive Arm R

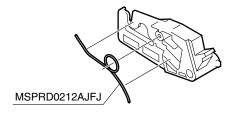


Figure 8-44.

4. Frame R, Frame L, Drive Arm R, Drive Arm L, Upper Plate.

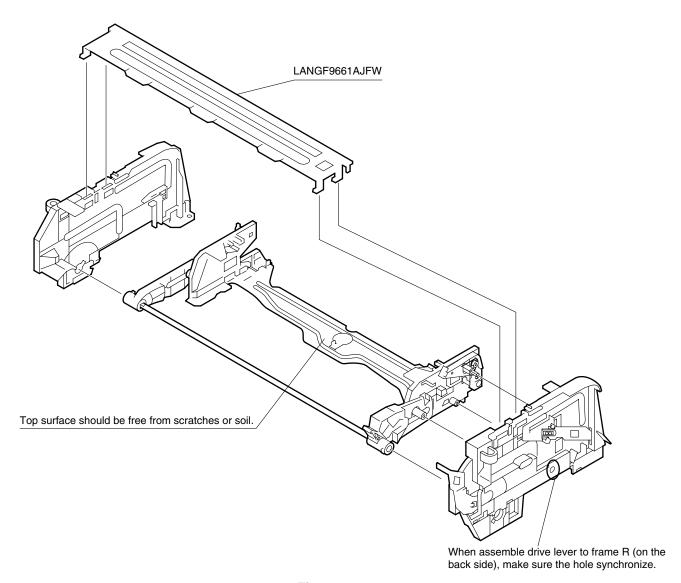
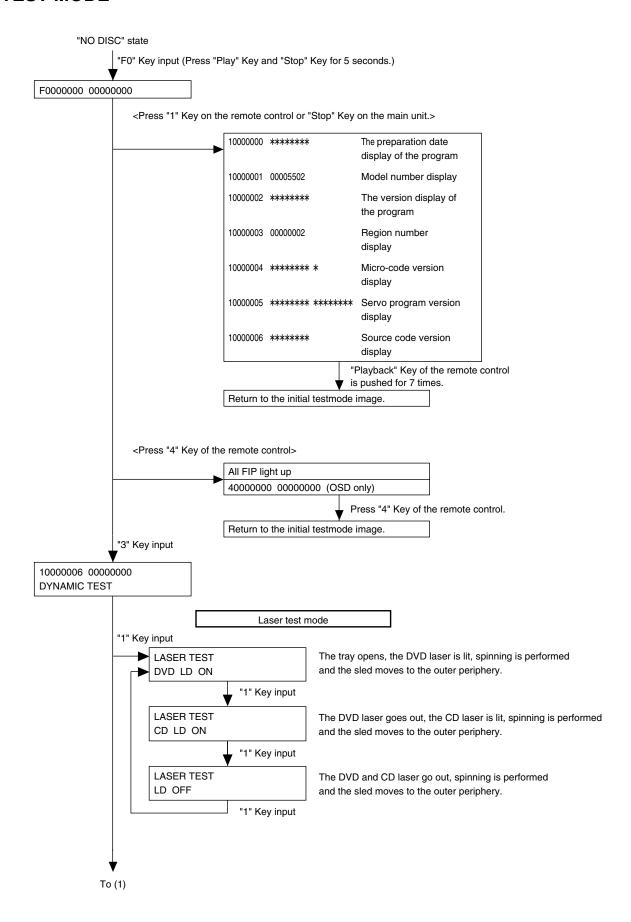
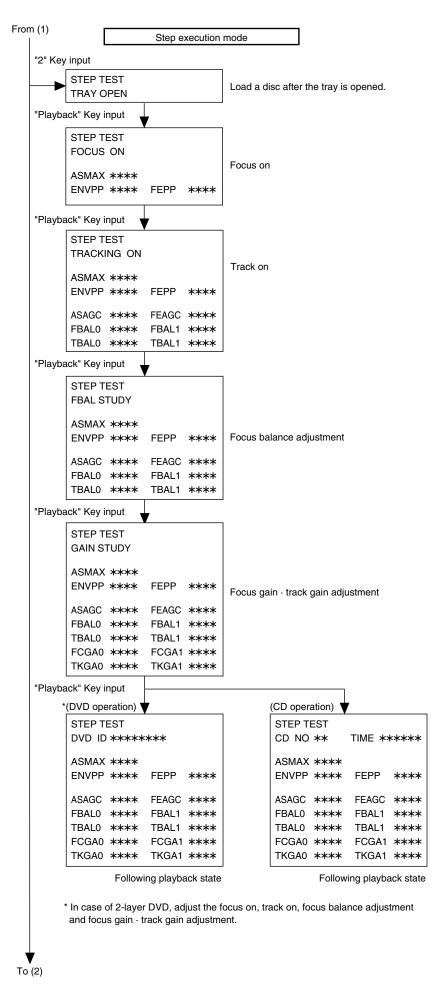
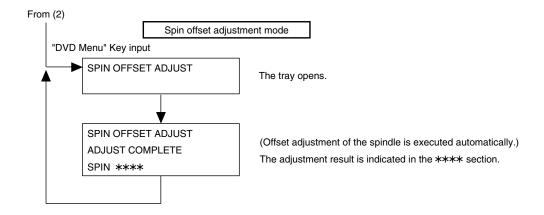


Figure 8-45.

9. TEST MODE







[ROM RENEWAL MODE]

- A DVD itself and a personal computer are articulated as the right figure.
 Software for the renewal is started more.
- 2. A power source is put with pushing DVD's own "Playback" Key and "Halt" Key at the same time. (It keeps pushing it for 3 seconds.)

R : OK It is displayed.

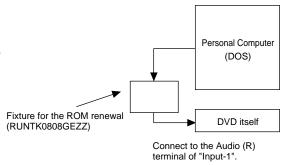
3. When "Y" is inputted in accordance with the personal computer display and date transfer indication is shown and renewal process is started normally when "Enter" Key is pushed.

W: STR It is displayed.

4. When renewal is completed normally, it becomes POWER ON.

DVD It is displayed.

PART CODE	Price Code
RUNTK0808GEZZ	CD



REPLACEMENT OF IC710 (E2PROM)

<< Servicing precautions>>

When the IC710 (E²PROM) has replaced, make the following reprogramming.

Depending on models, the IC710 (E²PROM) has been factory adjusted for its memory function.

It's therefore necessary to reprogram the memory function for the model in question.

Note that the servo circuit requires readjustments for the slow and still modes.

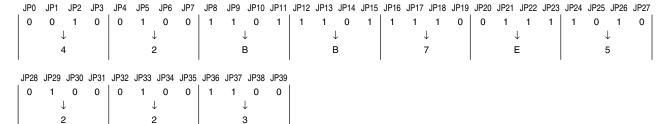
- 1. Memory function reprogramming.
 - a. Check the power off. (Power is standby mode.)
 - b. Make for moment short-circuit test point (TP801 and TP803), located at the VCR Operation PWB. Be sure that all the VCR displays light up into the TEST mode.
 - c. Using the CHANNEL (+) and (-) buttons, select the right function numbers from JP0 to JP39, which appear in the VCR LCD display, referring to the E²PROM map.

Press the DISPLAY button to pickup the fuctions (ON) and the CLEAR button to discard the functions (OFF).

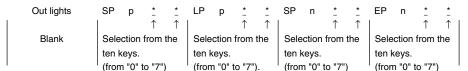
DISPLAY and CLEAR buttons are located on the remote control unit.

- * When the DISPLAY button has been pressed (ON), the memory function number starts flashing.
- * When the CLEAR button has been pressed (OFF), the memory function number lights up.
- d. Example: "ON" and "OFF" are taken as "1" and "0" respectedly.

The numbers JP0 to JP39 are divided into four groups and each group's setting is displayed in hexadecimal notation.

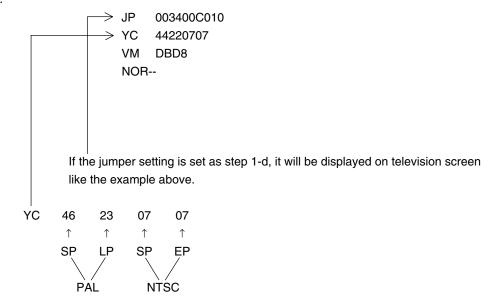


Also recording level preset number selected from the ten keys on the remote control unit which appear in the VCR LCD display, referring to the E²PROM map.



- 2. Memory recording preset level reprogramming.
 - a. Similarly to the above step 1-a and 1-d the same operate.
 - b. Using the CHANNEL (+) and (-) buttons, select the right function numbers continued from recording preset number as has been JP0~JP39, which appear in the VCR LCD display, referring to the E²PROM map.
- 3. Finally make for a moment short-circuit test point (TP801 and TP803), both located at the VCR Operation PWB to clear the TEST mode.

- 4. Jumper setting of JP0 to JP39 in hexadecimal notation and REC current setting.
 - a. Check the power on. (Power is ON.)
 - b. Make short-circuit test point (TP801 and TP803) and hold the point. Be sure that all the VCR LCD displays light up into the TEST mode.
 - c. The jumper setting in hexadecimal notation and REC current setting will be displayed on the television screen (upper left).
 - d. Example:



5. Finally release the test point to return to normal screen (E-E mode).

DV-NC65H/S DV-NC70H

E²PROM MAP

Jumper No.	Model Name Jumper Name	DV-NC65S	DV-NC65H	DV-NC70H
JP0	Colour0	1	0	0
JP1	Colour1	0	0	0
JP2	VPS/PDC	1	1	1
JP3	OEM	0	0	0
JP4	Low power	0	0	0
JP5	X400 FF/REW	1	1	1
JP6	System0	0	0	0
JP7	System1	0	0	0
JP8	Tuner0	0	1	1
JP9	Tuner1	0	1	1
JP10	Tuner2	0	0	0
JP11	RF_out_set_off	1	1	1
JP12	Dual scart	1	1	1
JP13	Front AV	1	1	1
JP14	LP	0	0	0
JP15	EP	1	1	1
JP16	G-CODE0	1	1	1
JP17	G-CODE1	0	1	1
JP18	NICAM	1	1	1
JP19	IGR	1	0	0
JP20	Surround	0	0	0
JP21	Decoder	1	1	1
JP22	Sort	1	1	1
JP23	Hifi	1	1	1
JP24	16:09	1	1	1
JP25	Sat_ctl	0	0	0
JP26	Post_code	0	1	1
JP27	DNR	0	0	0
JP28	R/C 1-2	0	0	0
JP29	Posi84	1	1	1
JP30	Internal_Sat_ctl	0	0	0
JP31	Gamma	0	0	0
JP32	HEAD0	0	0	0
JP33	HEAD1	1	1	1
JP34	HEAD2	0	0	0
JP35	NTSC SKEW	0	0	0
JP36	NTSC_PB	1	1	1
JP37	SQPB	1	1	1
JP38	Slow_Atr_off	0	0	0
JP39	Audio insert	0	0	0
	PAL SP	46	46	46
	PAL LP	23	23	23
	NTSC SP	07	07	07
	NTSC EP	07	07	07
	DISPLAY	528BDE1223	42BB7E5223	42BB7E5223

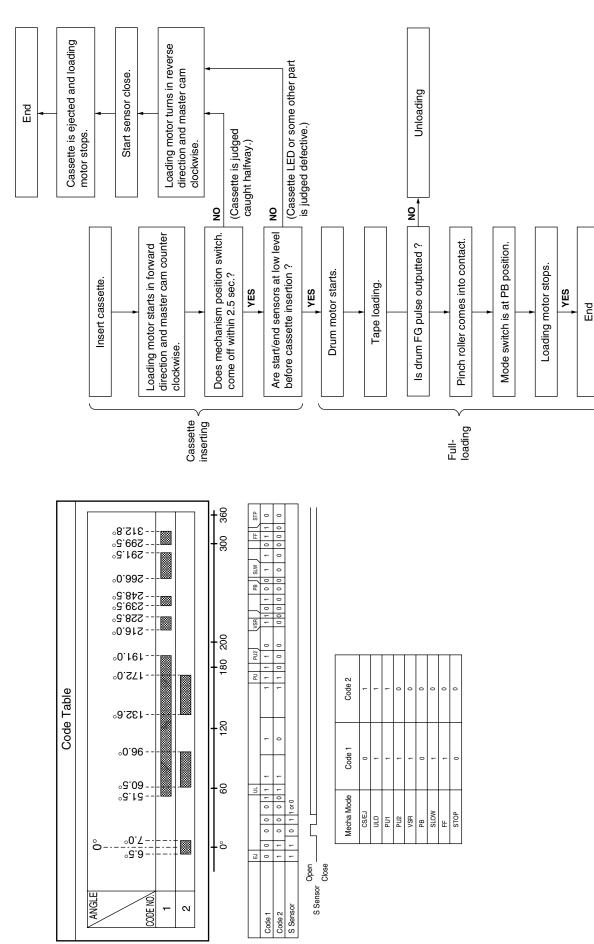
0: LIGHT UP 1: FLASHING

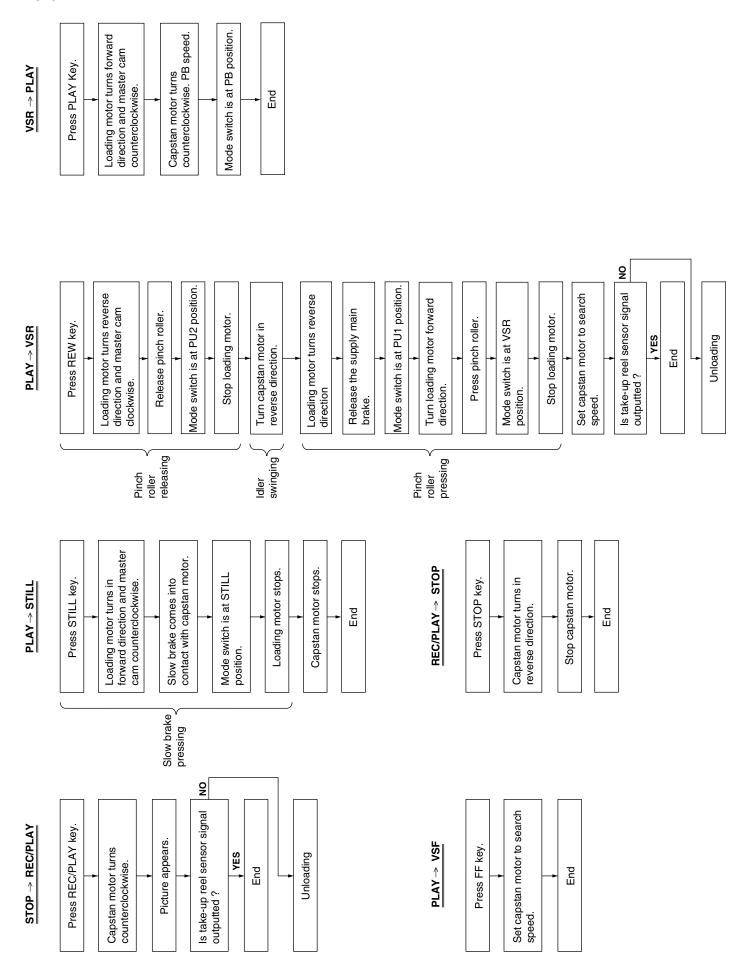
10. MECHANISM OPERATION FLOWCHART AND TROUBLESHOOTING GUIDE

MECHANISM OPERATION FLOWCHART

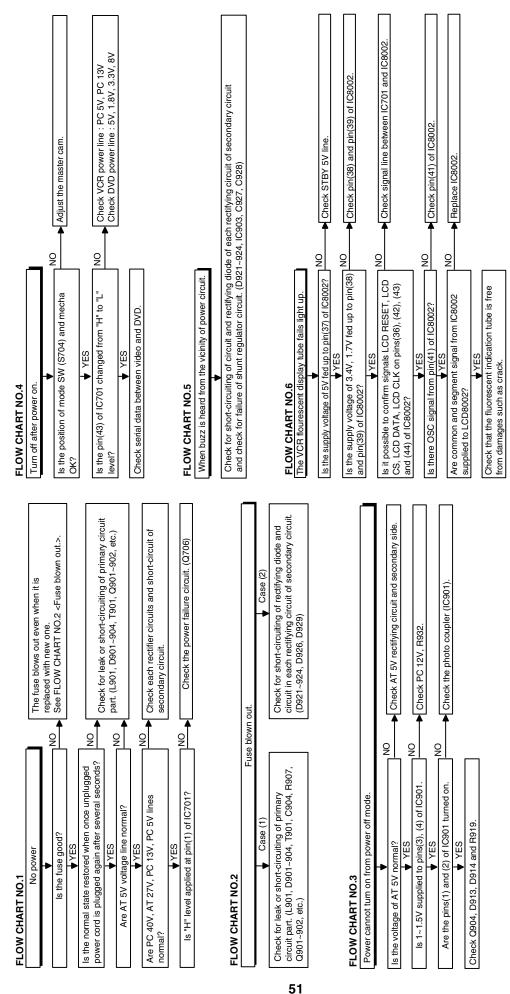
* This flowchart describes the outline of the mechanism's operation, but does not give its details.

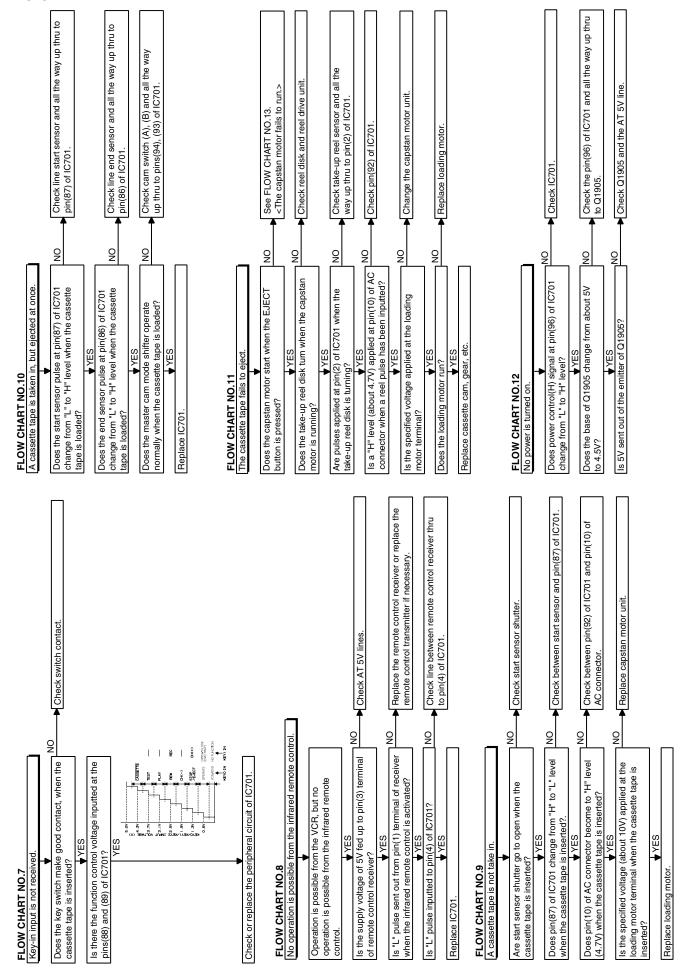
CASSETTE INSERTION -> STOP

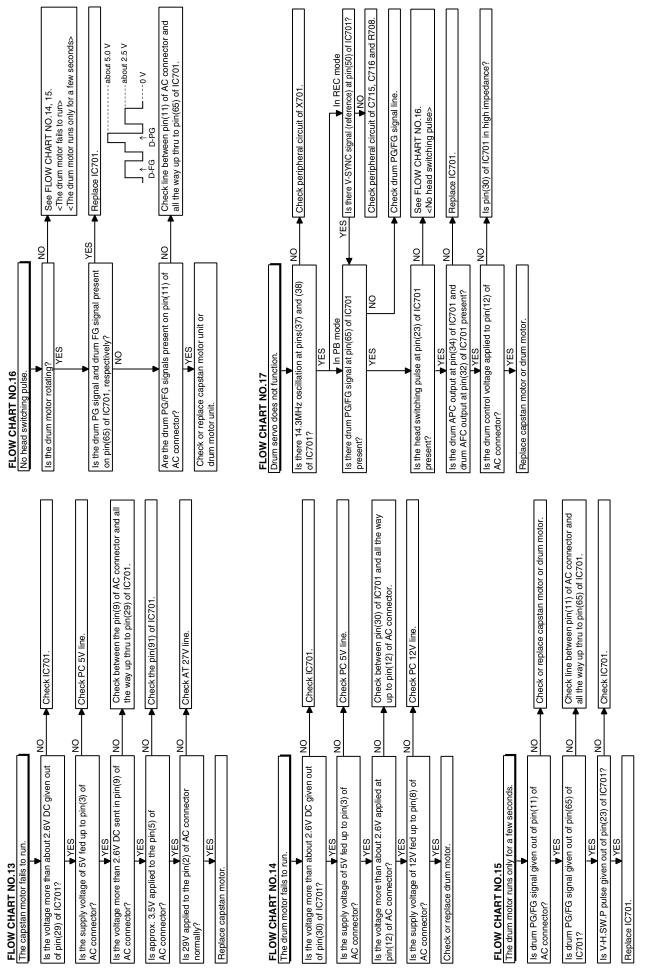


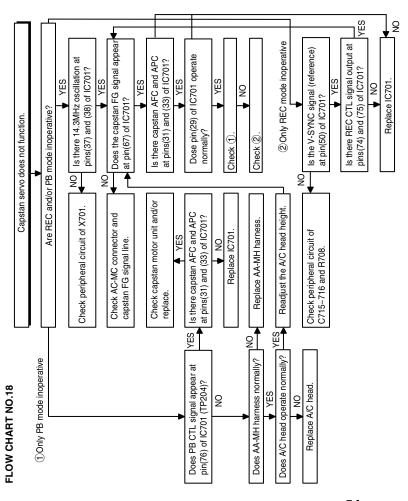


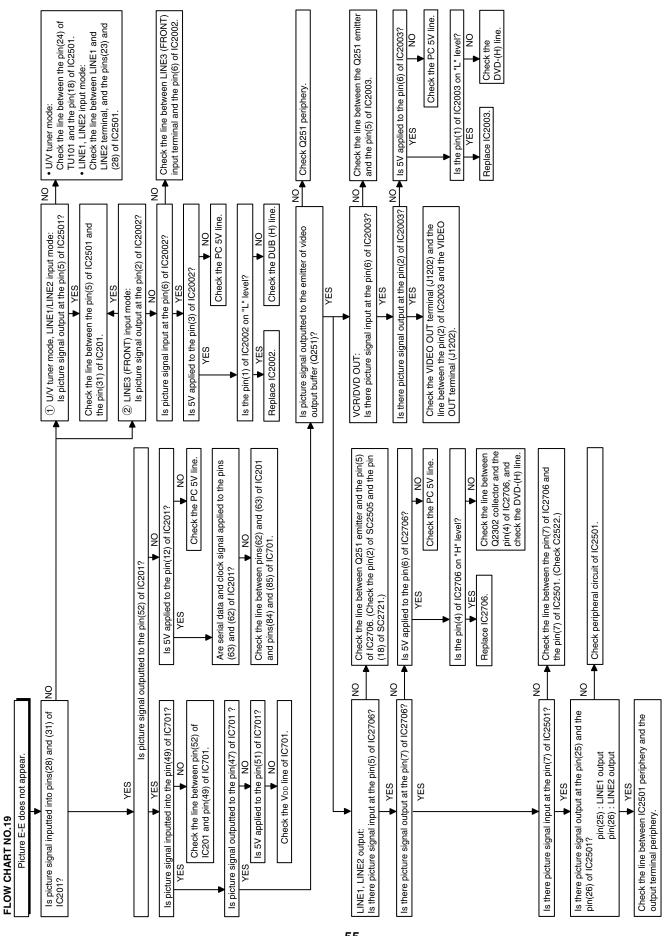
11. TROUBLESHOOTING (VCR)

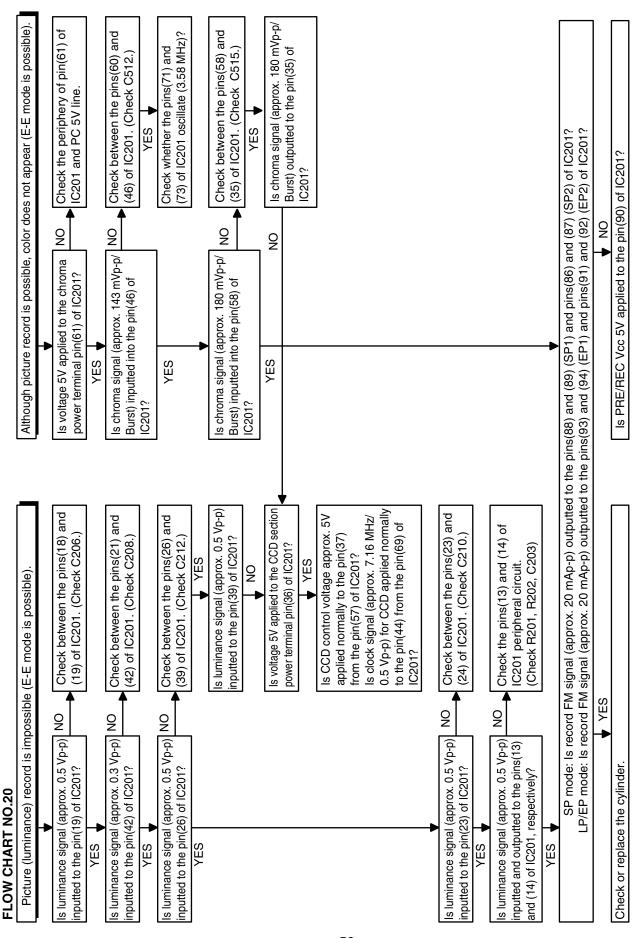


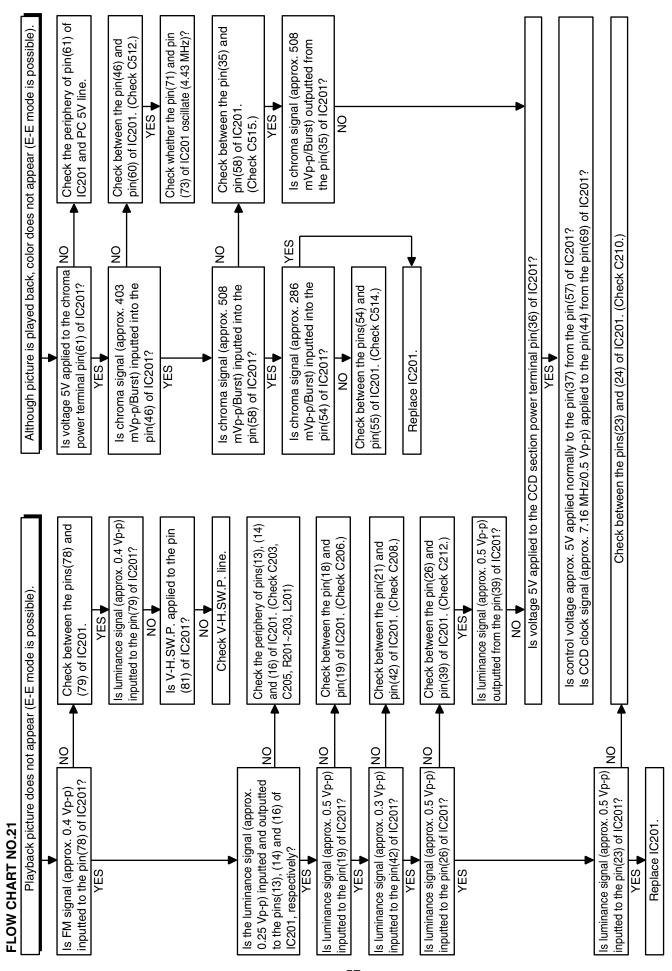


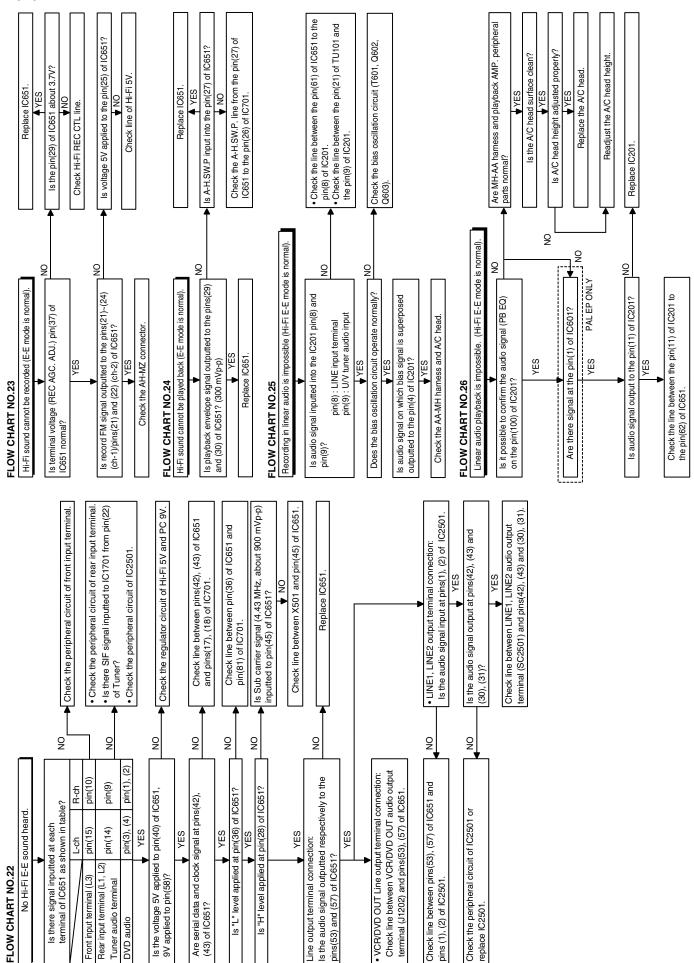


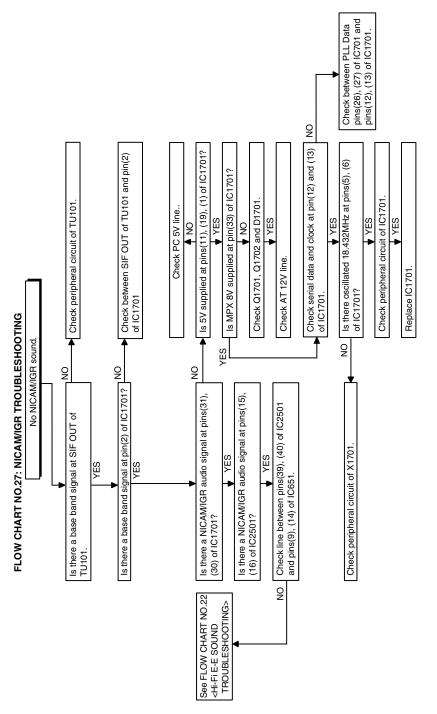




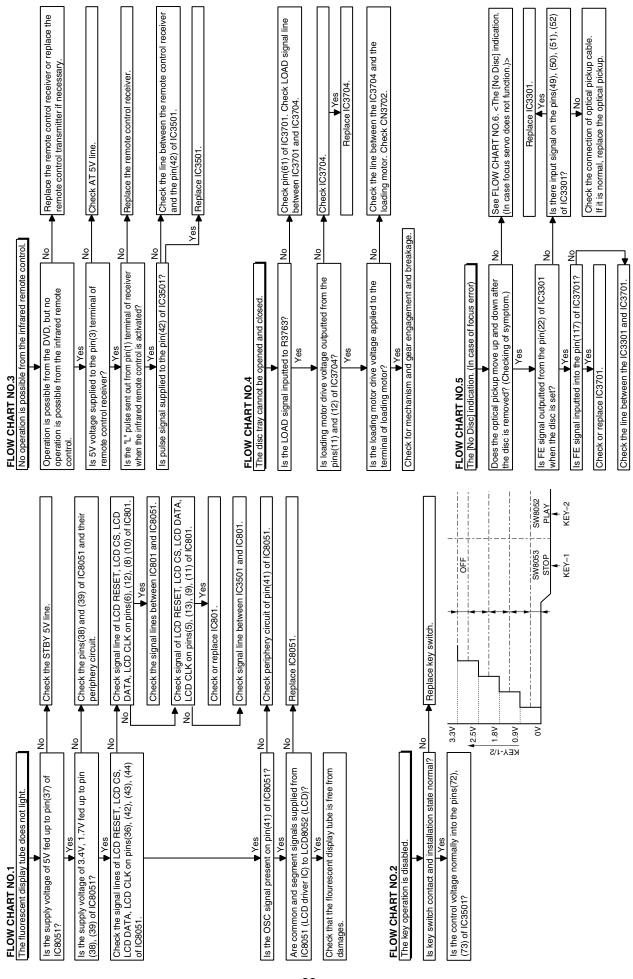


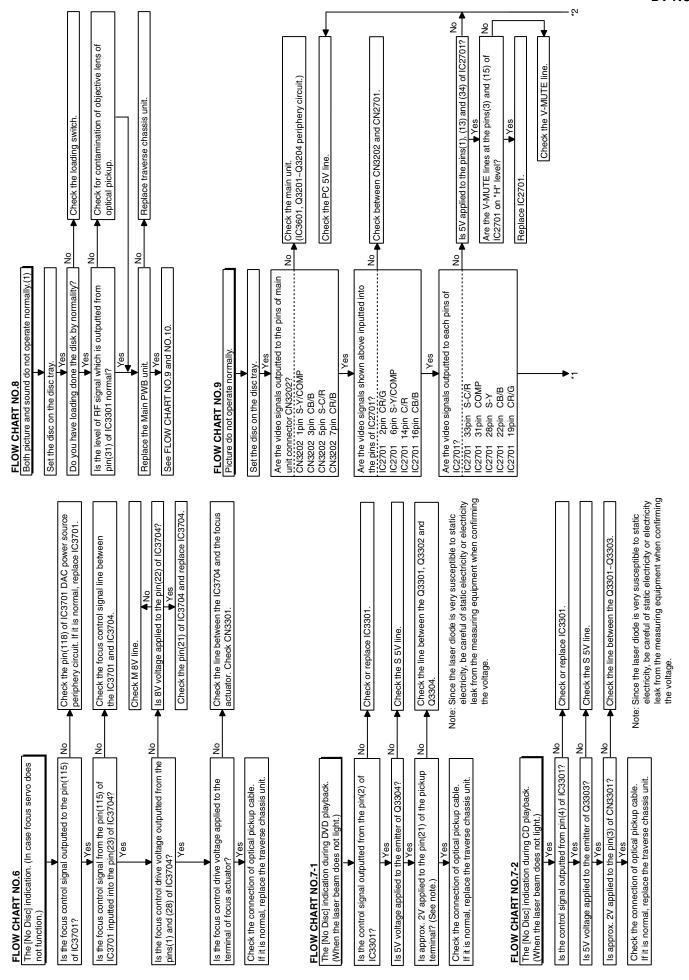


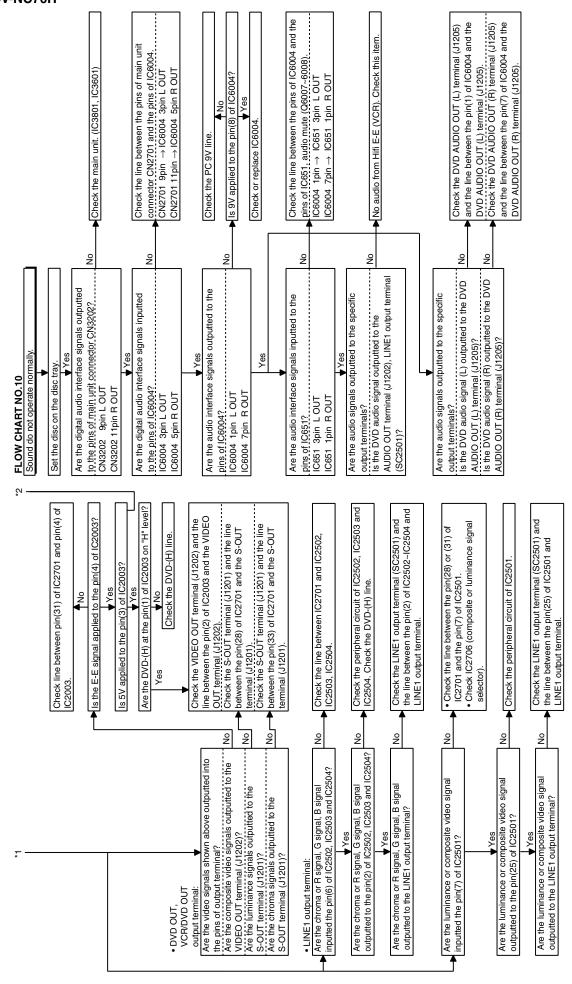






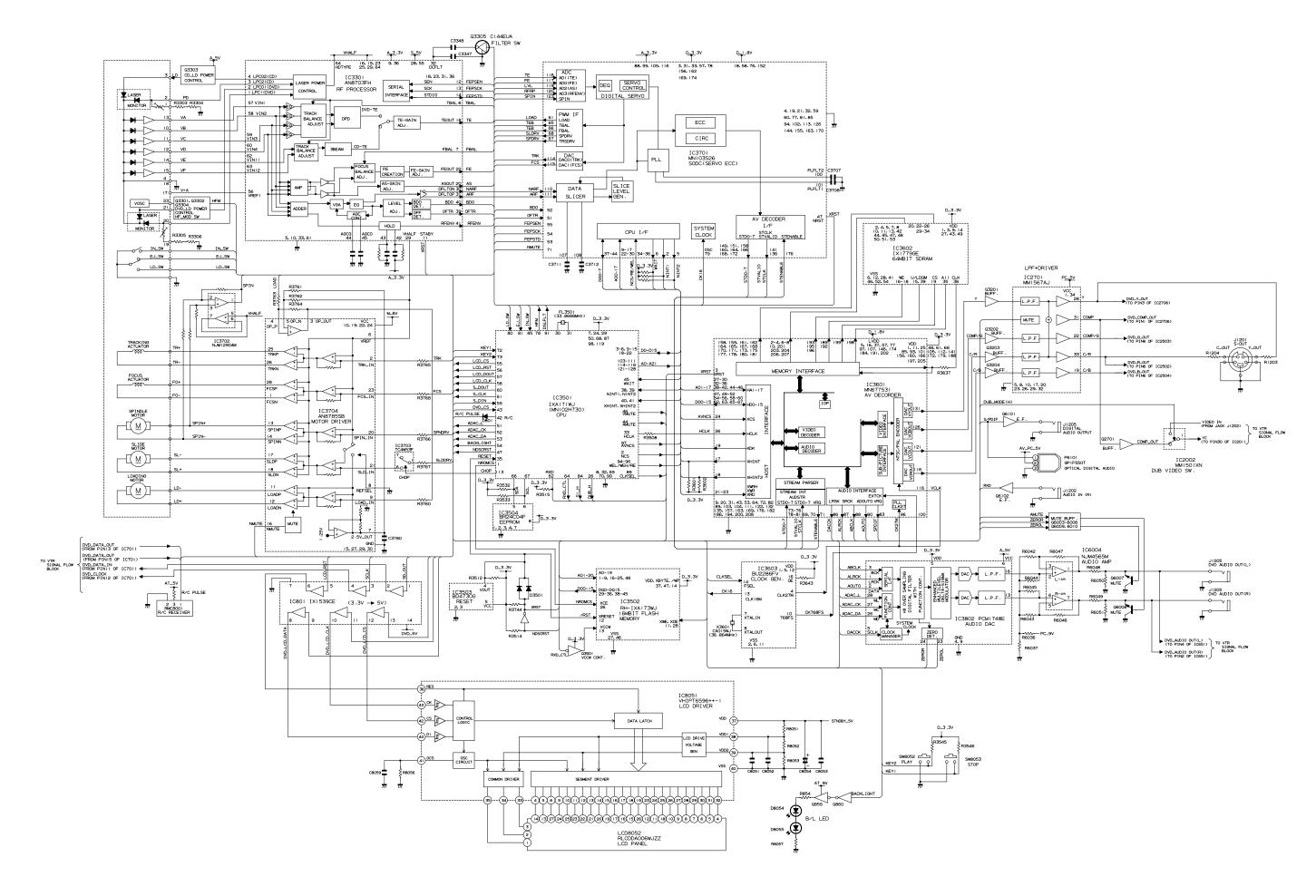




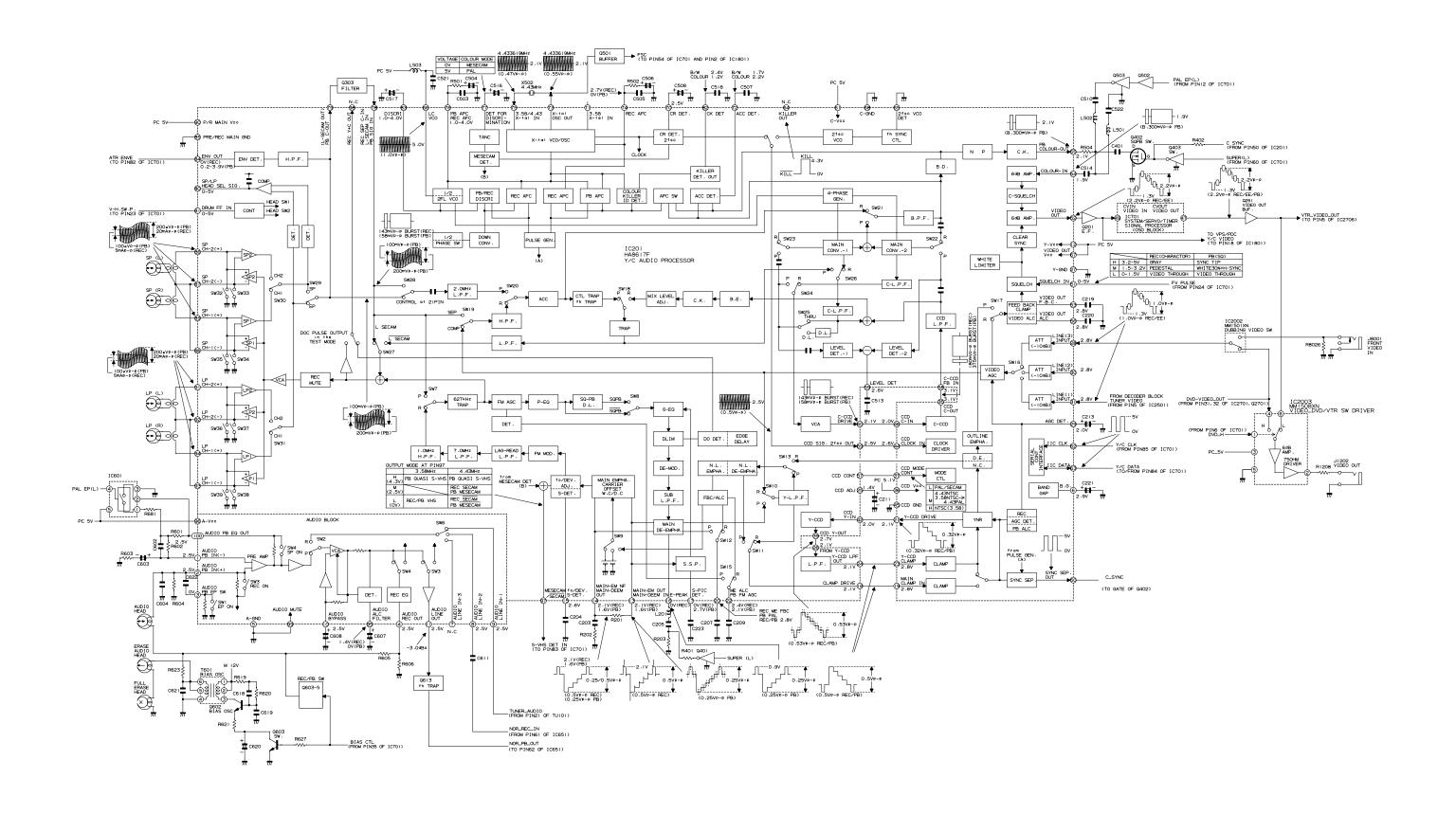


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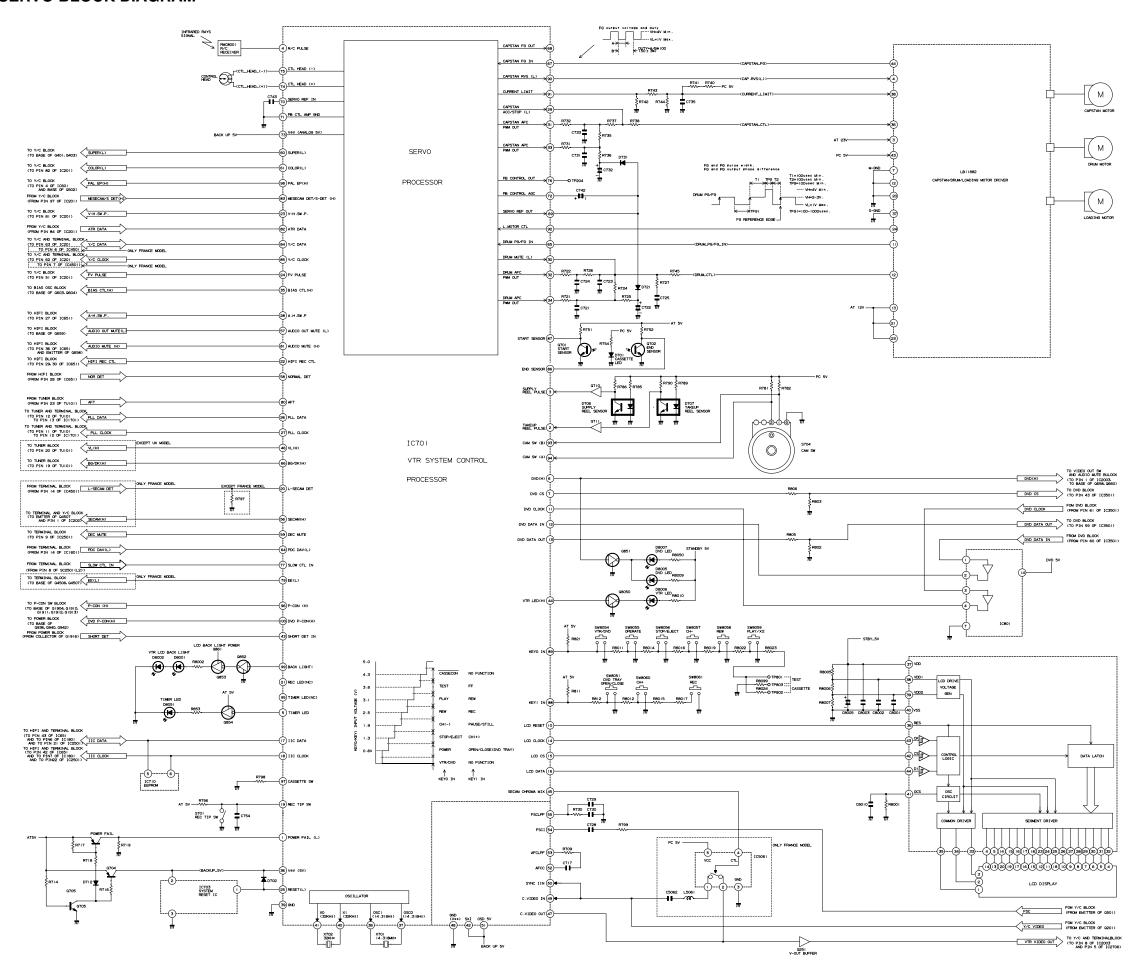
12. BLOCK DIAGRAMS 12-1. MAIN BLOCK DIAGRAM



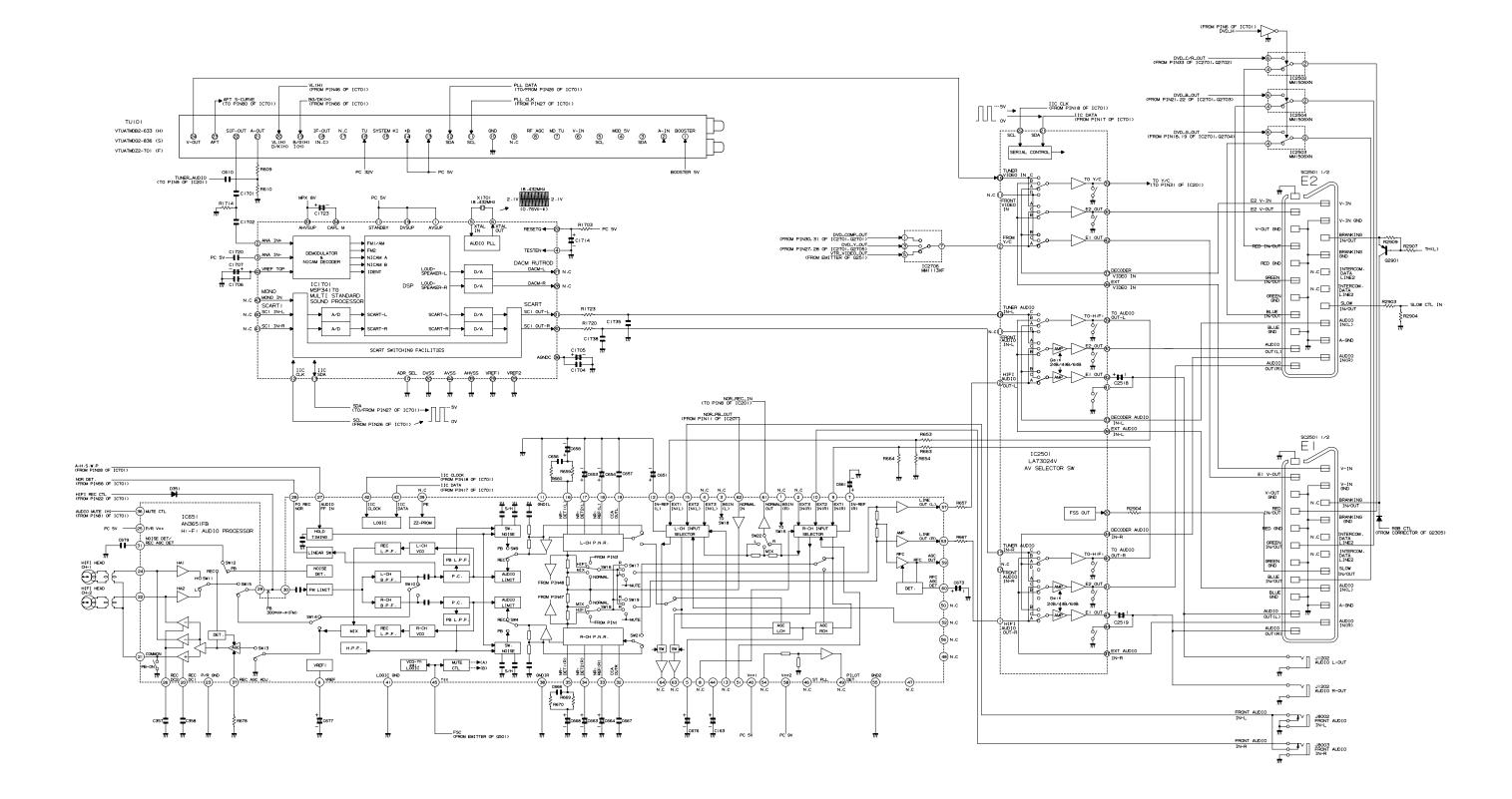
12-2. VCR SIGNAL FLOW BLOCK DIAGRAM



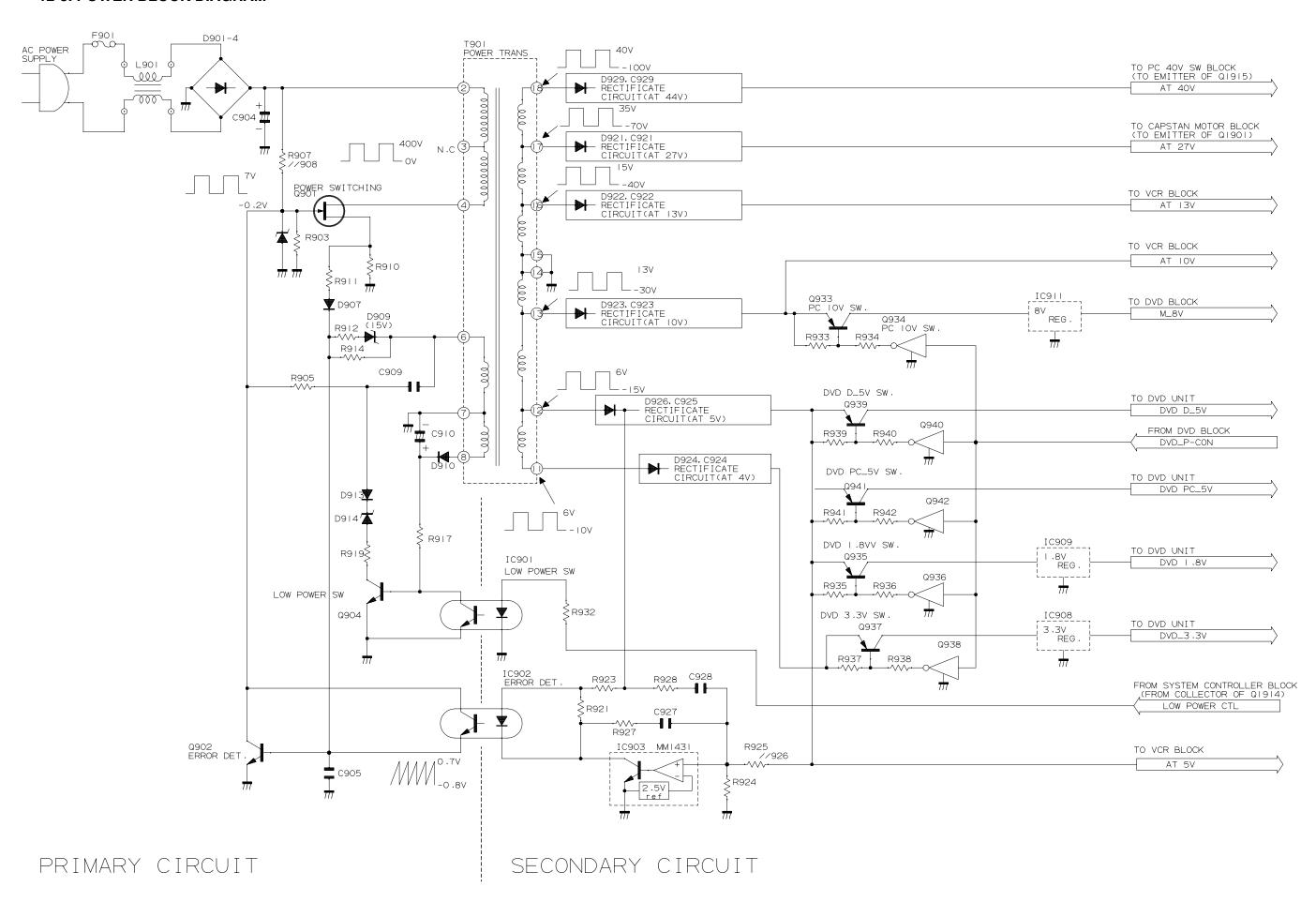
12-3. VCR SERVO BLOCK DIAGRAM

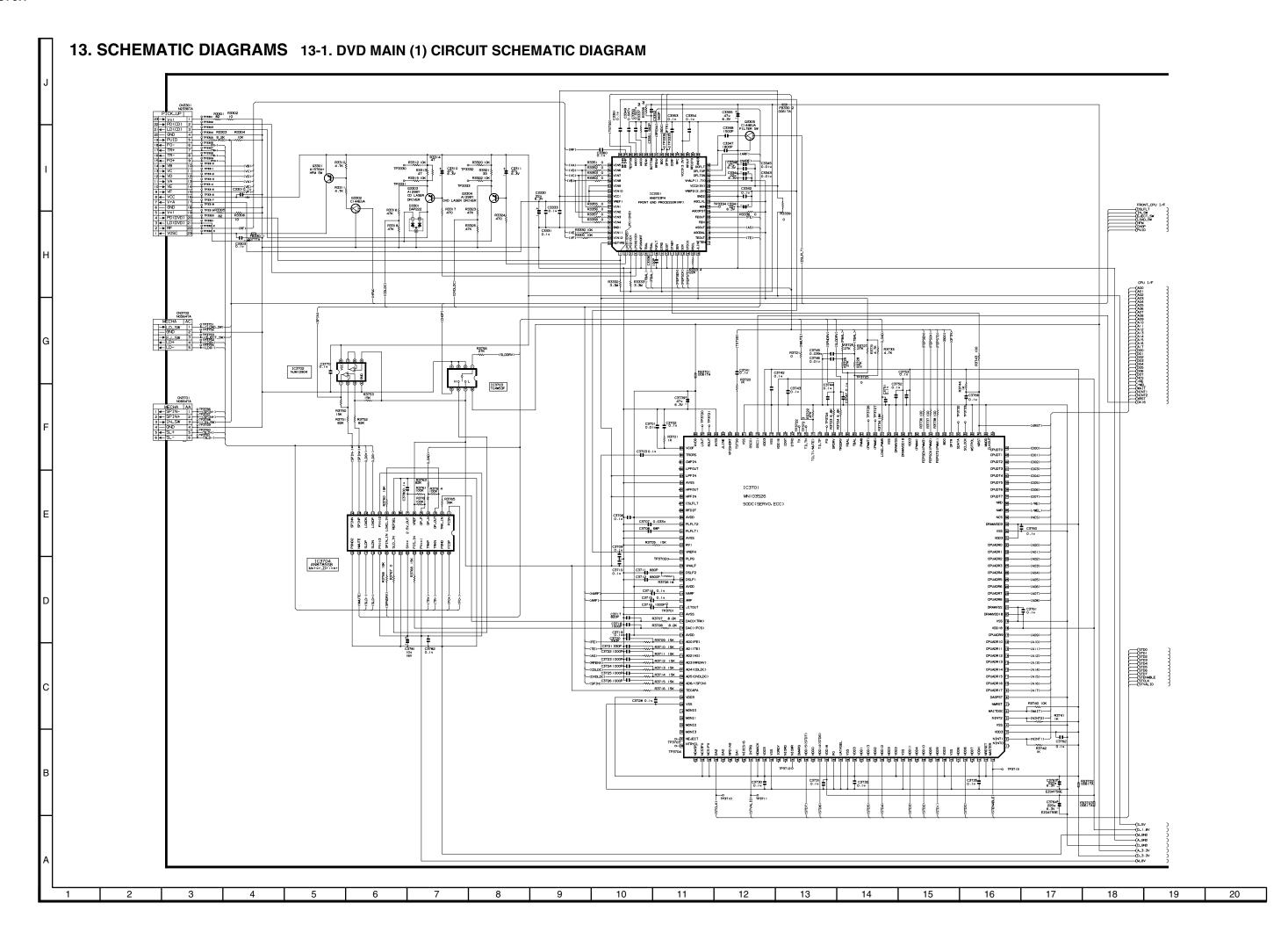


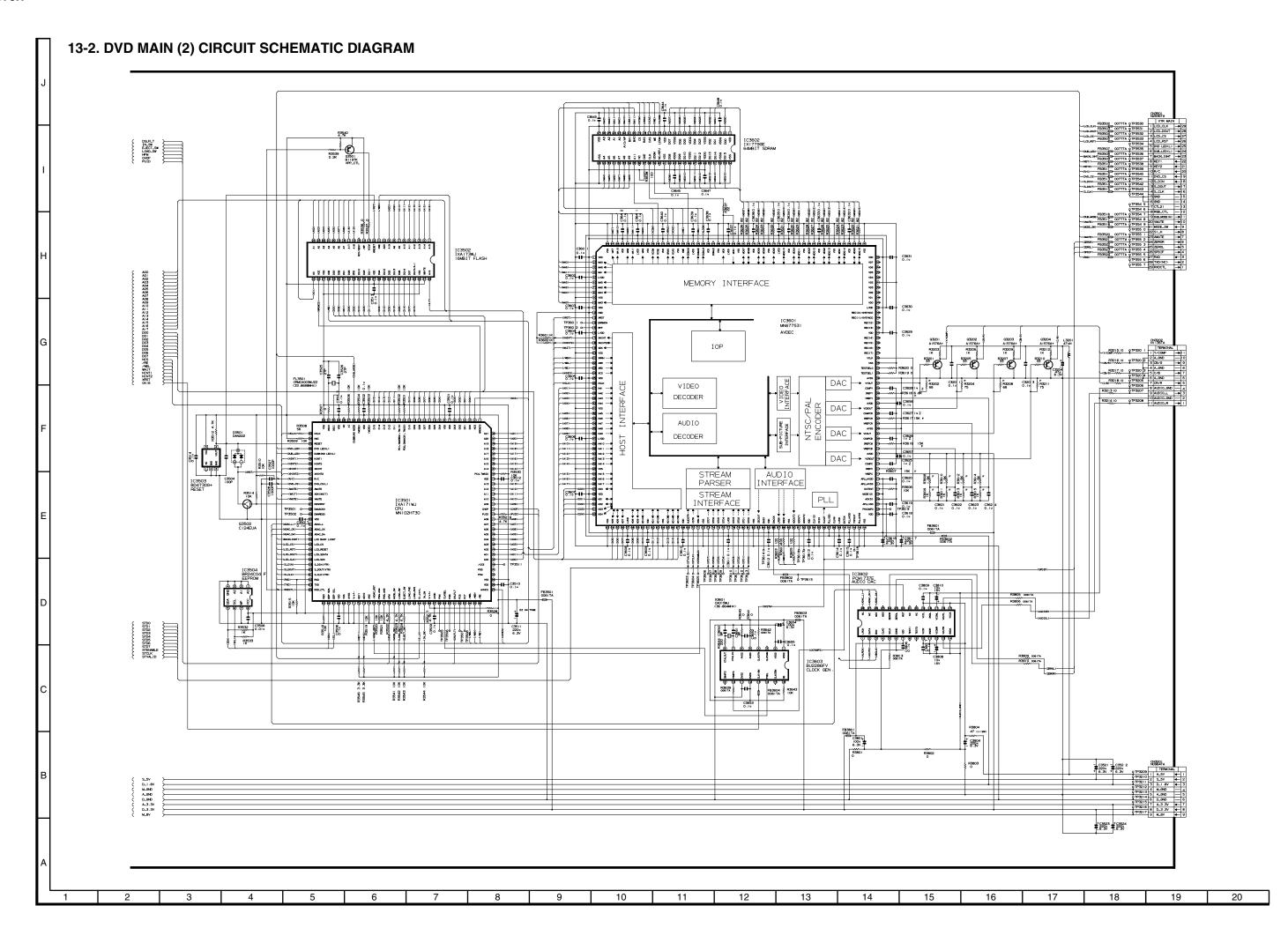
12-4. AUDIO BLOCK DIAGRAM

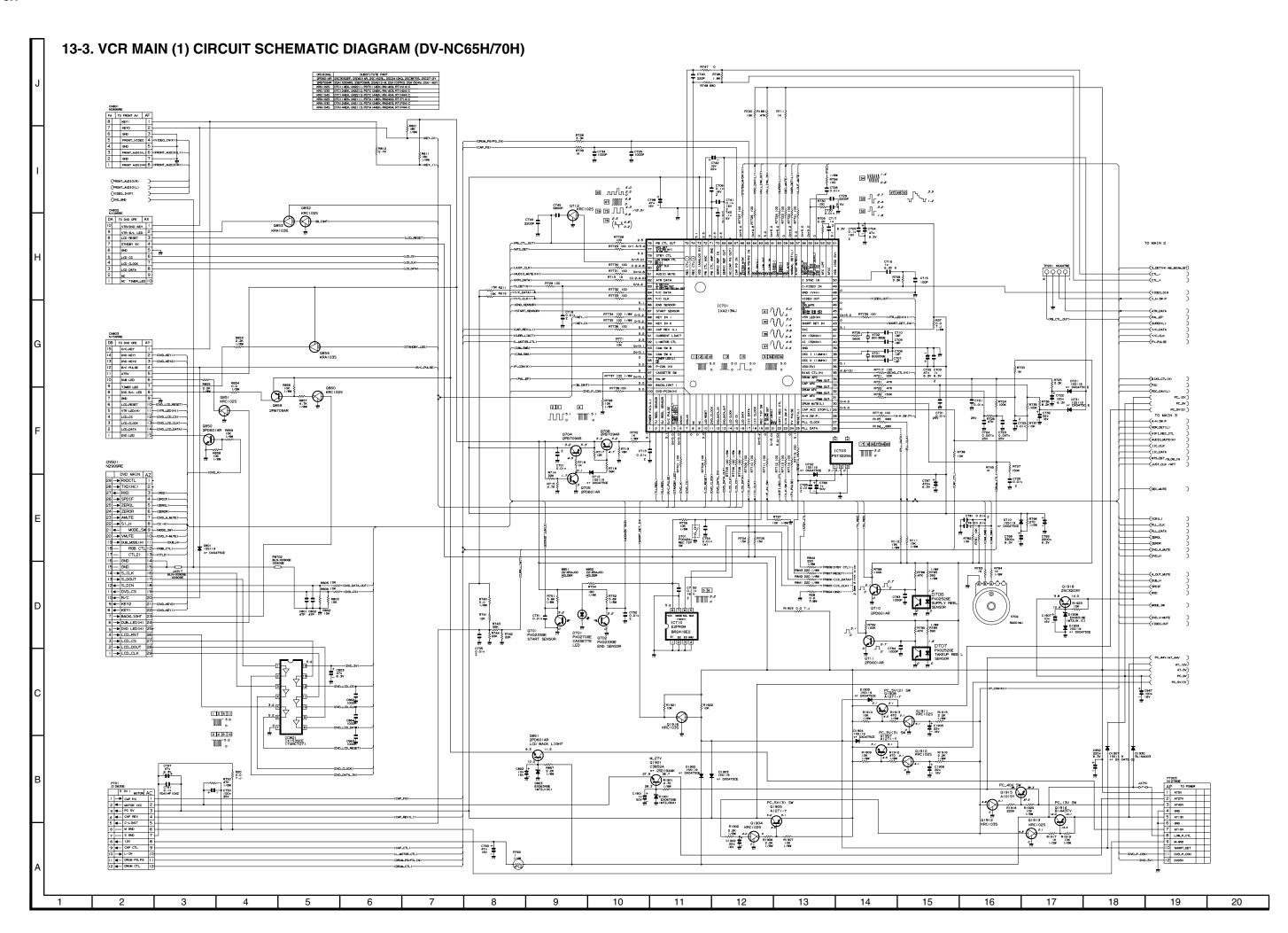


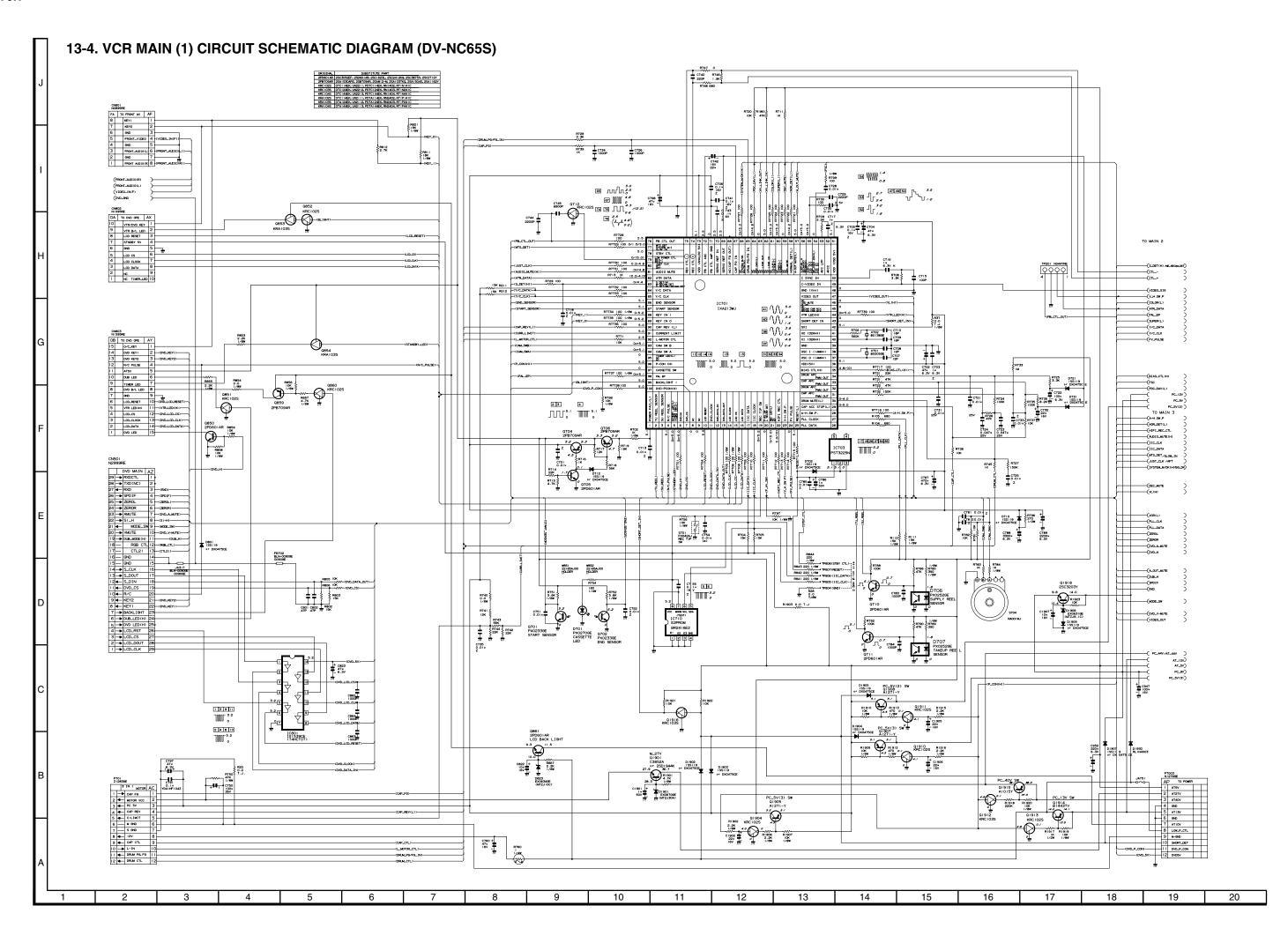
12-5. POWER BLOCK DIAGRAM

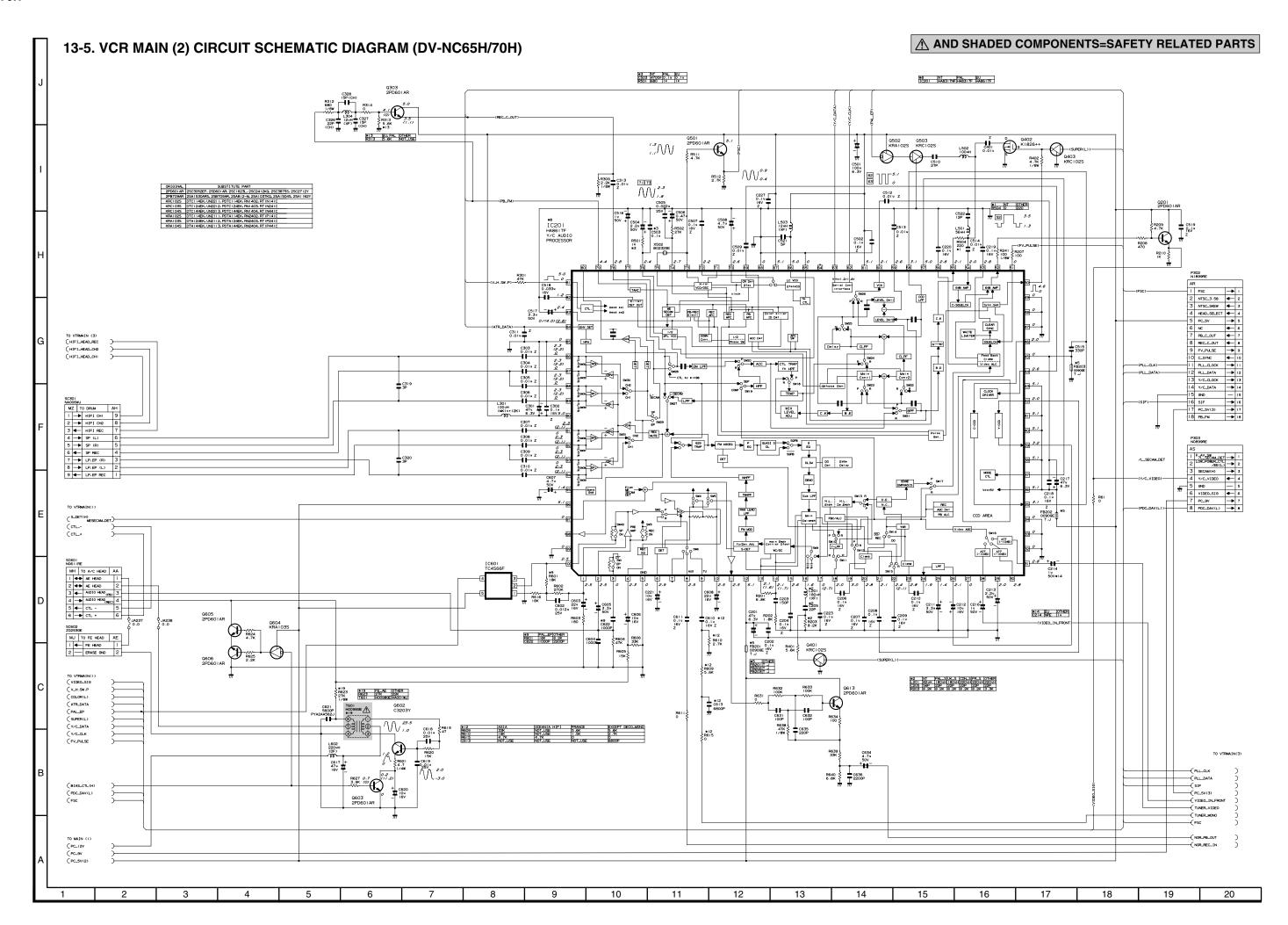


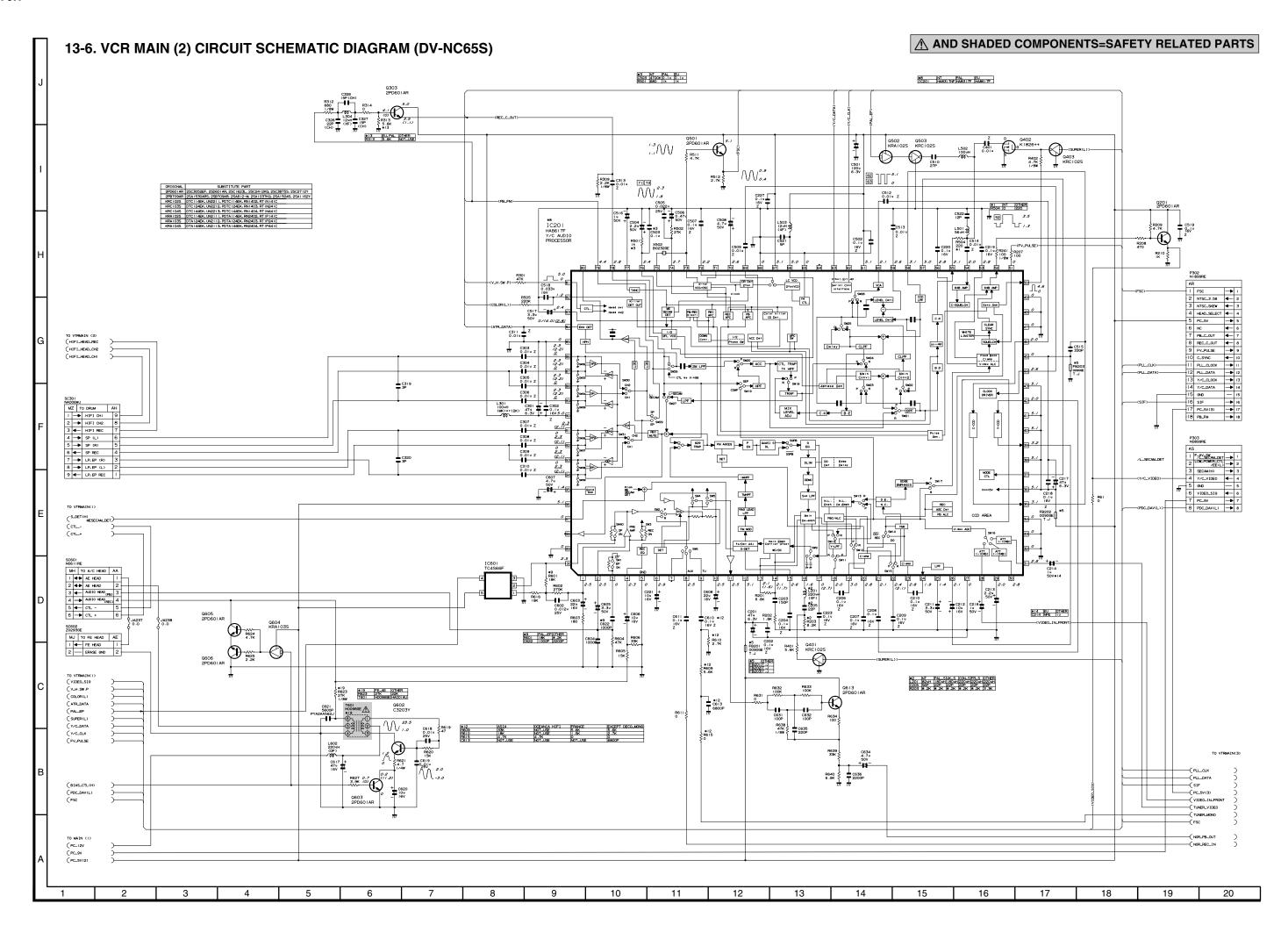


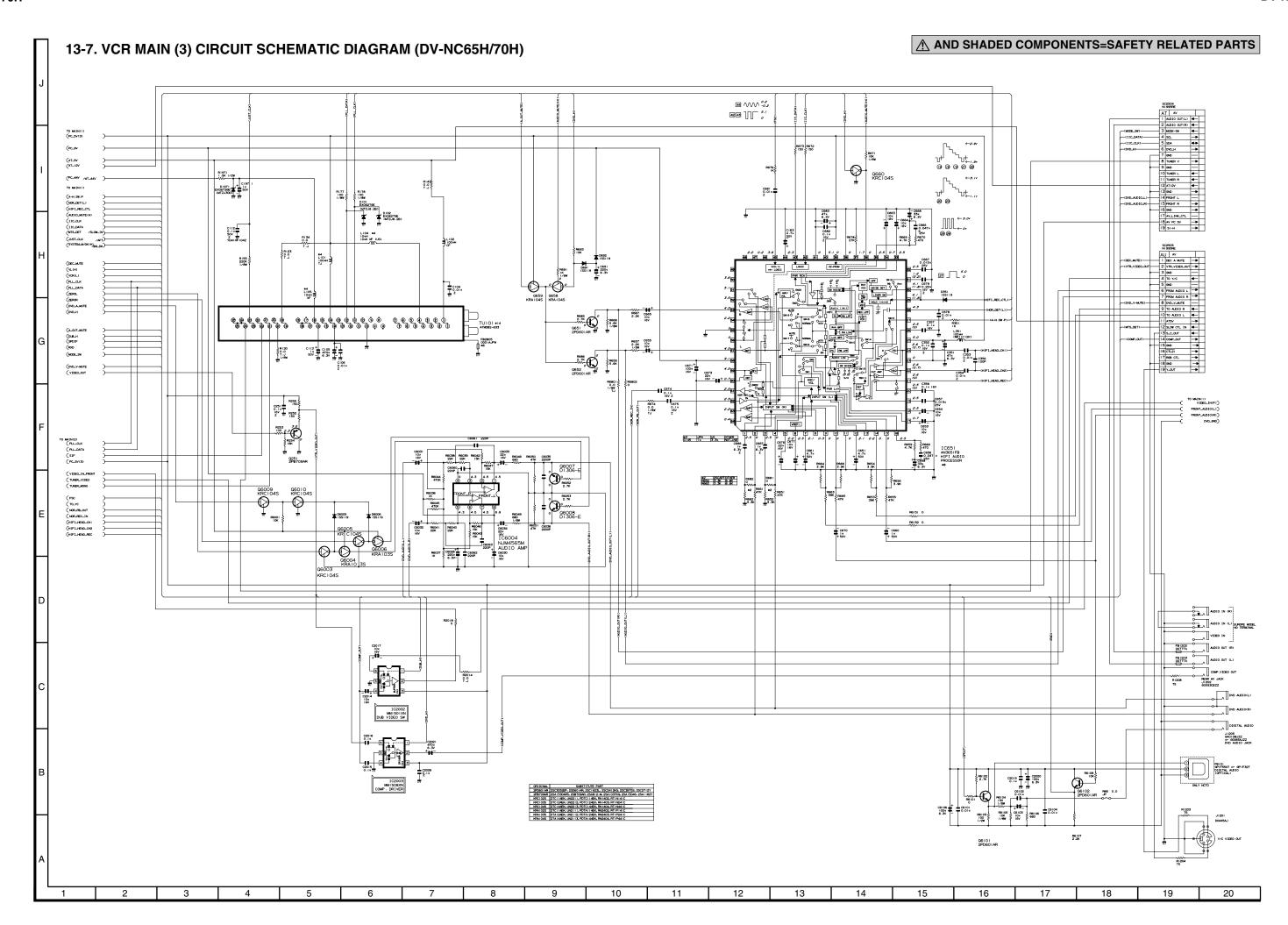


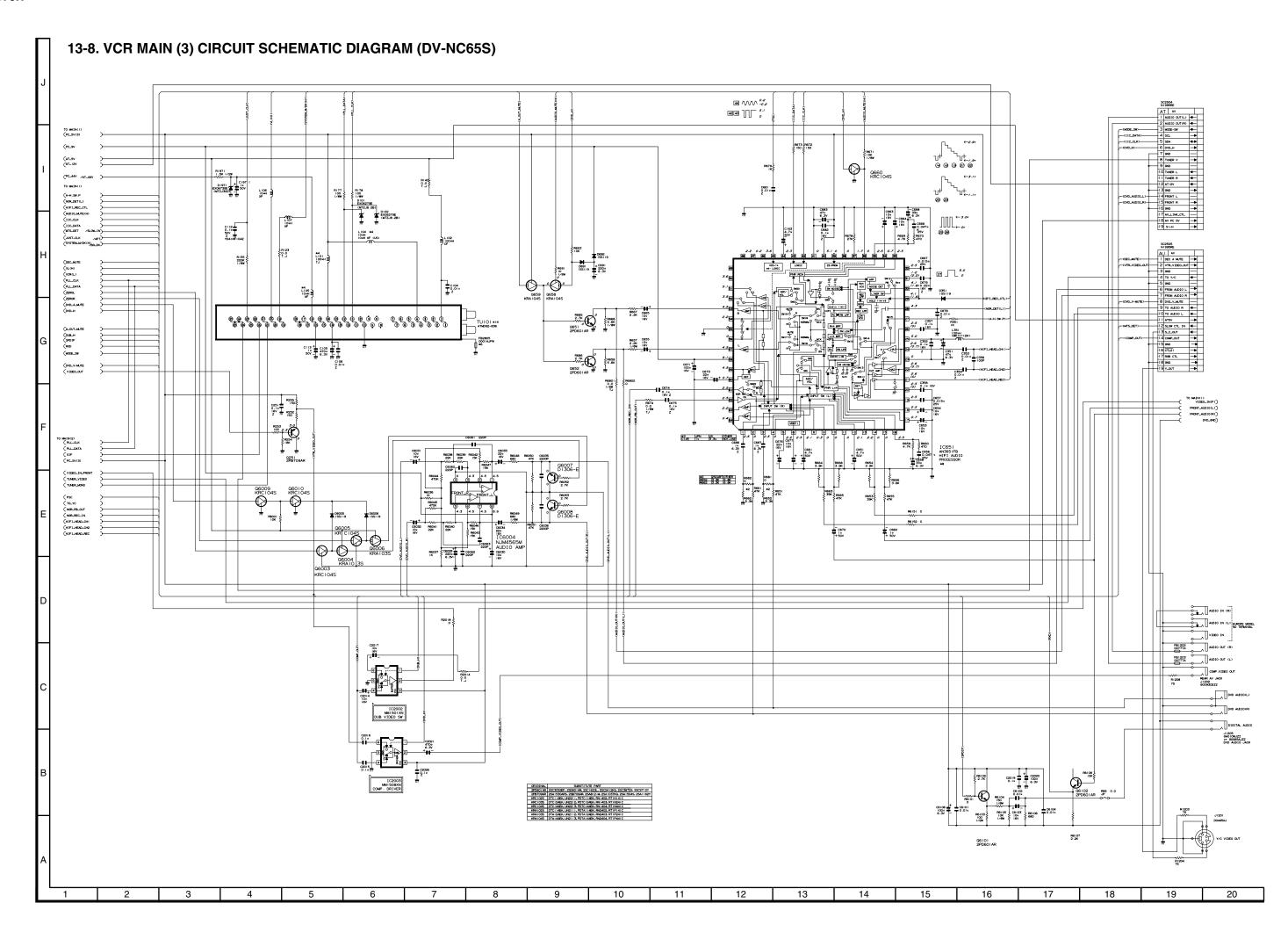


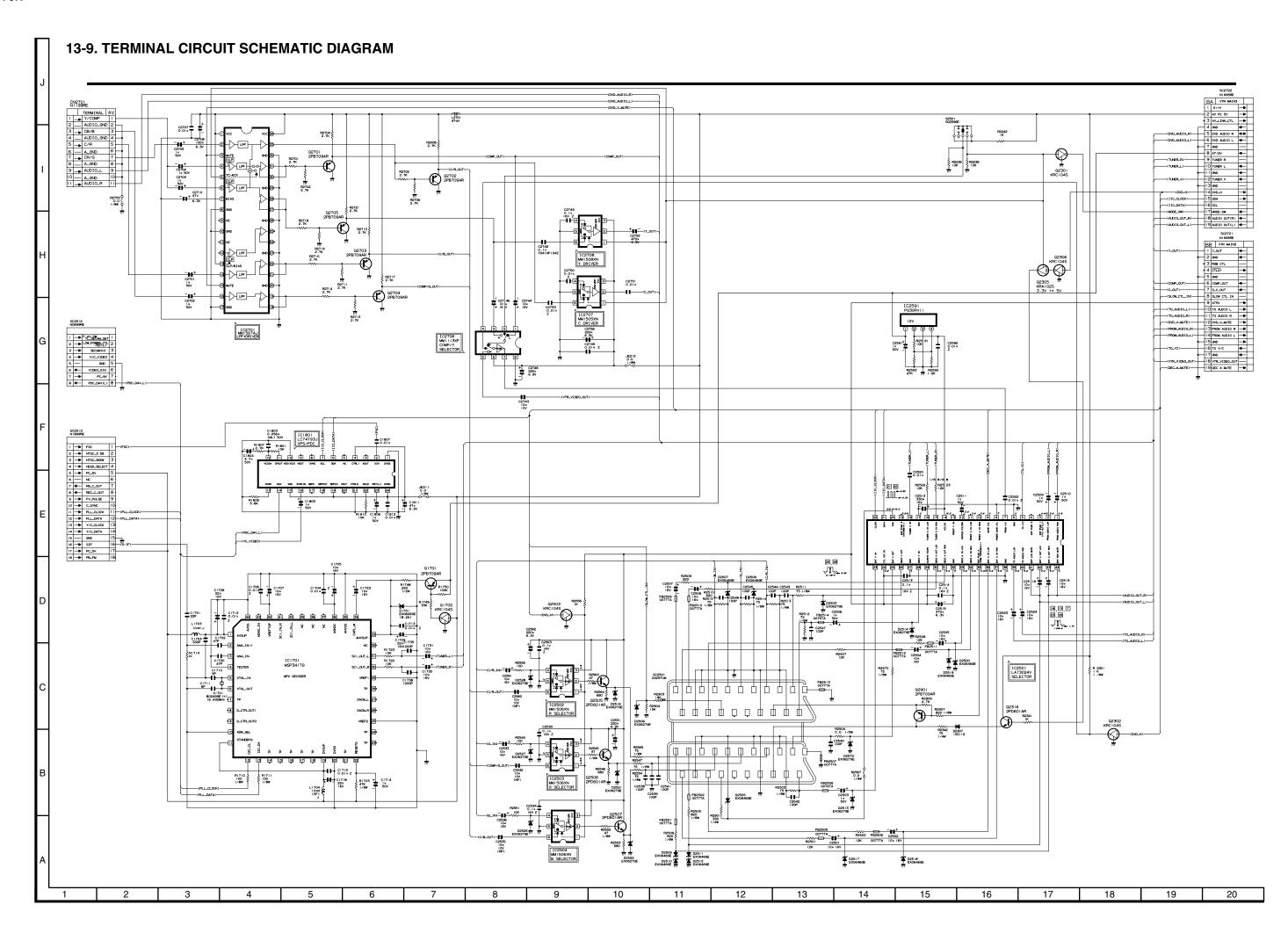


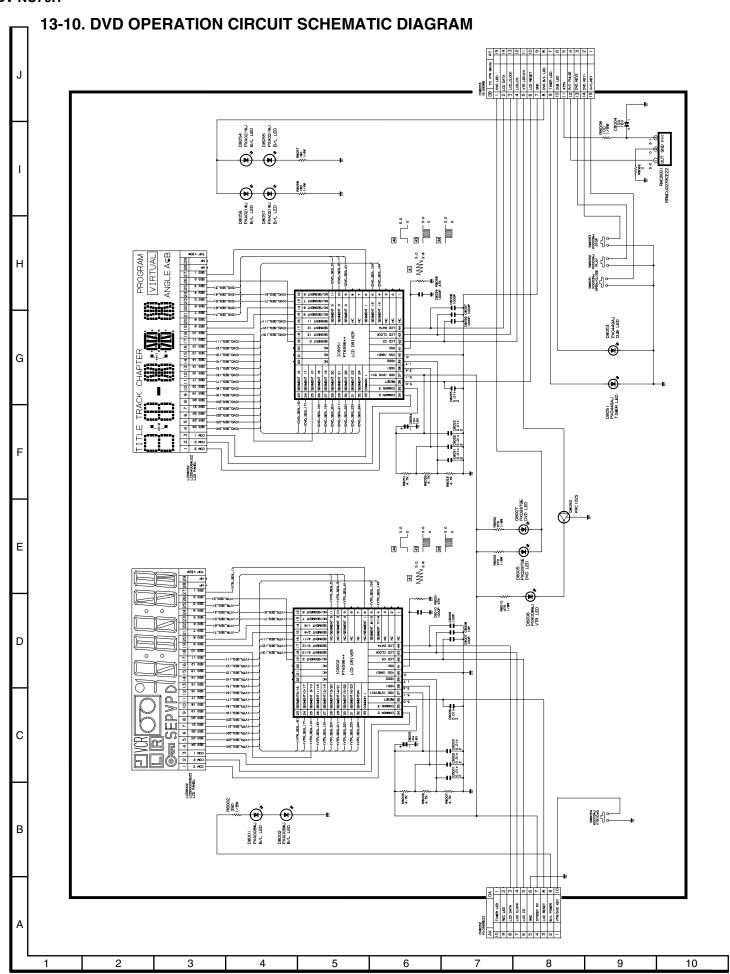




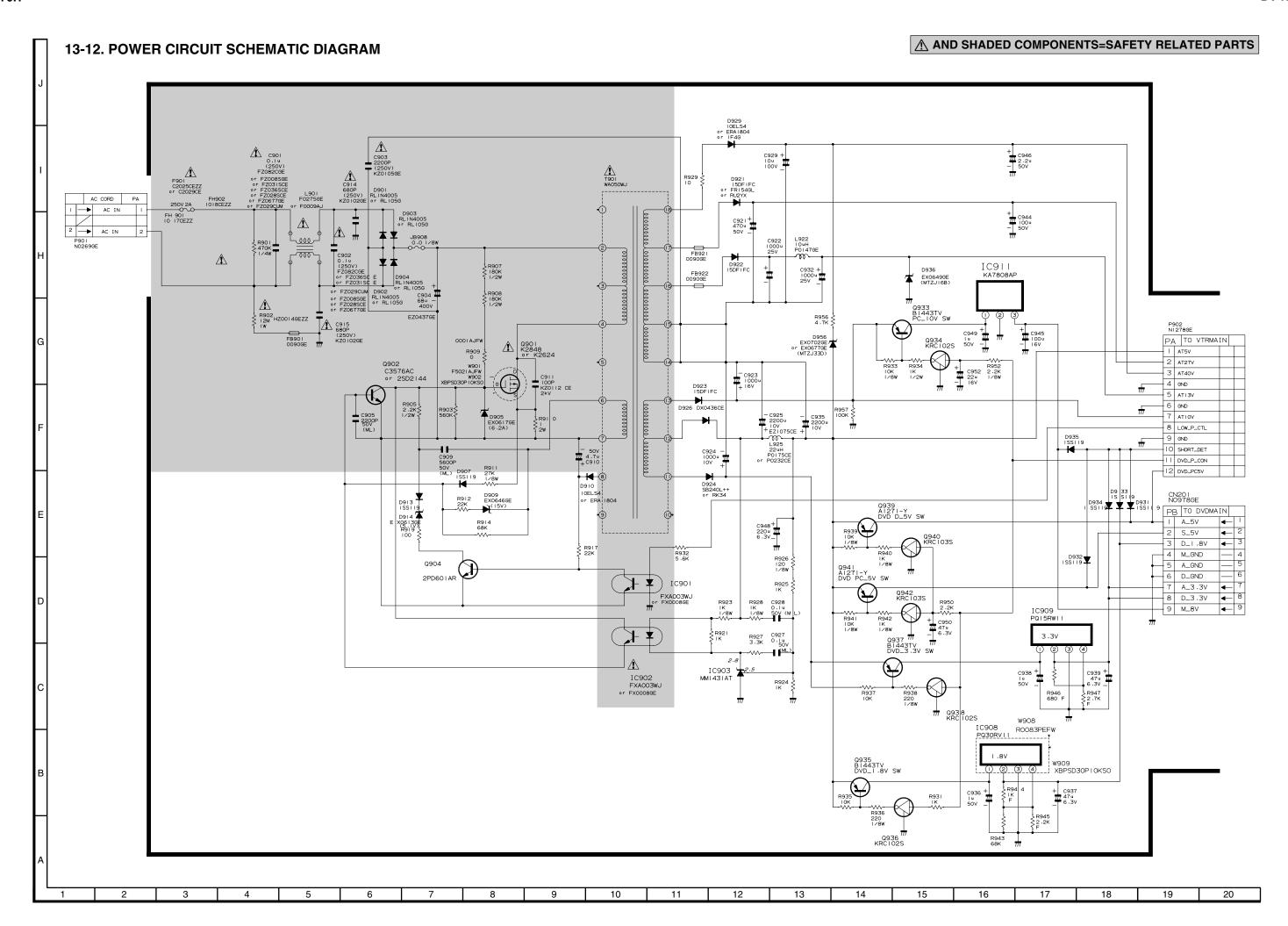


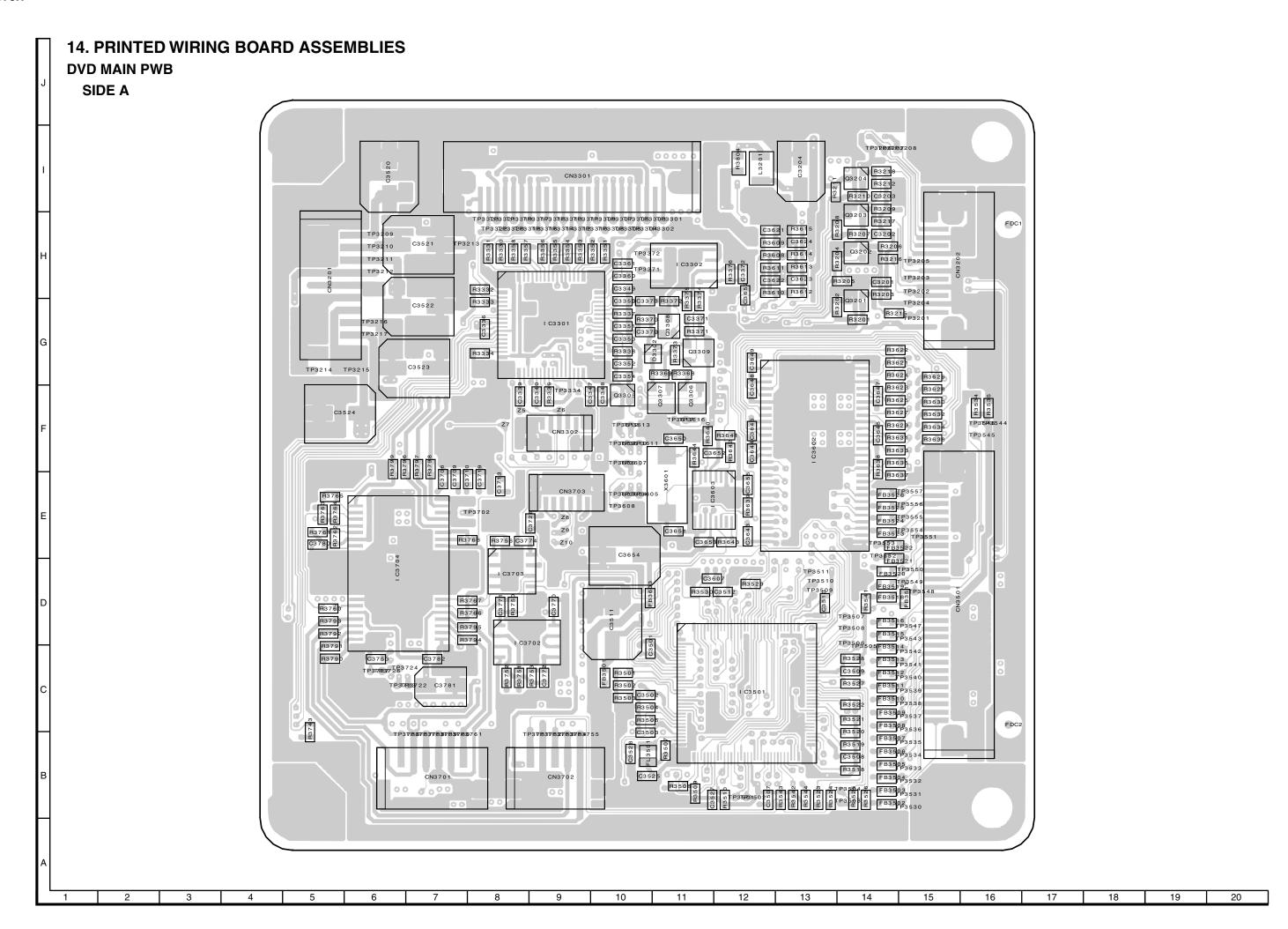


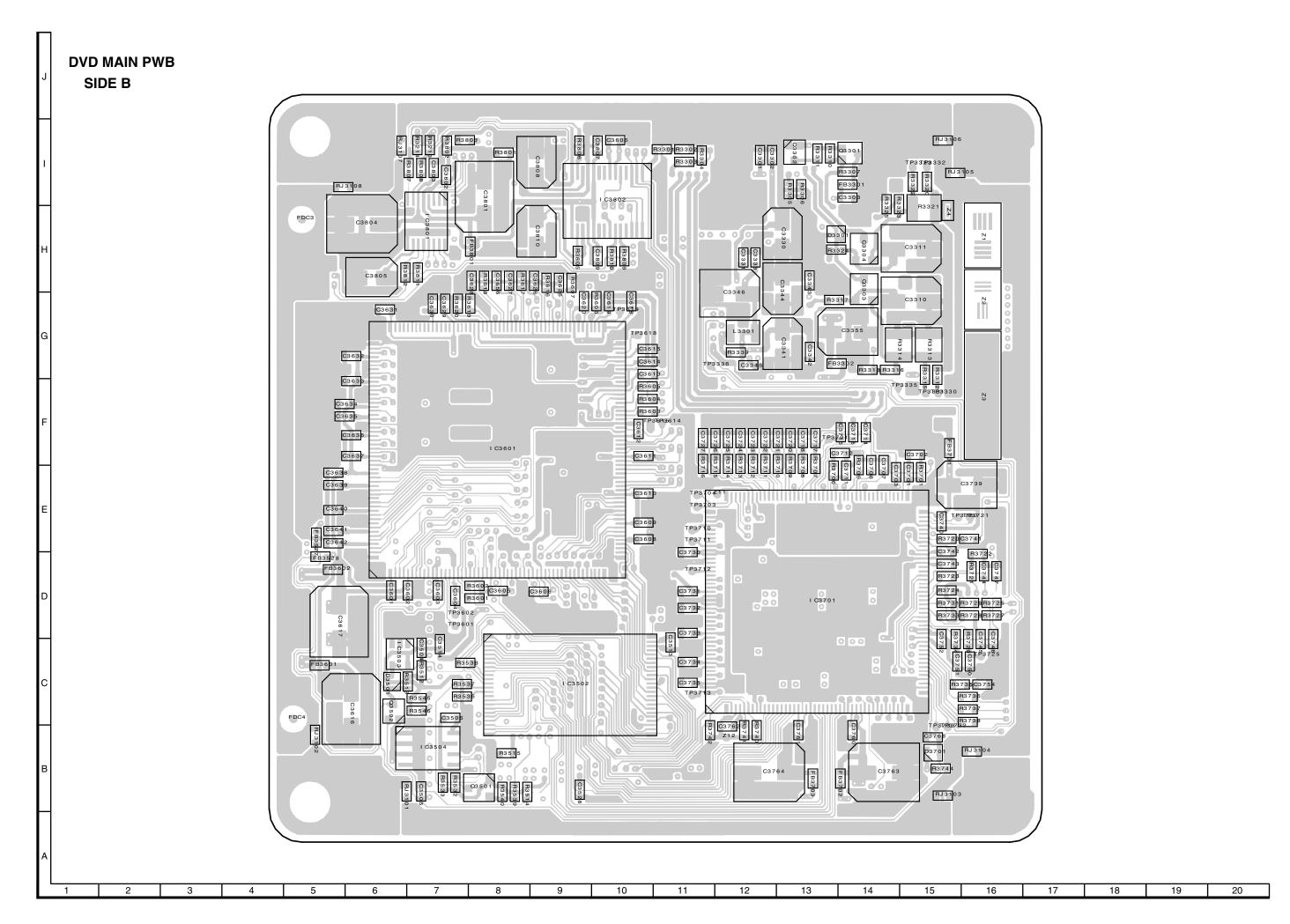


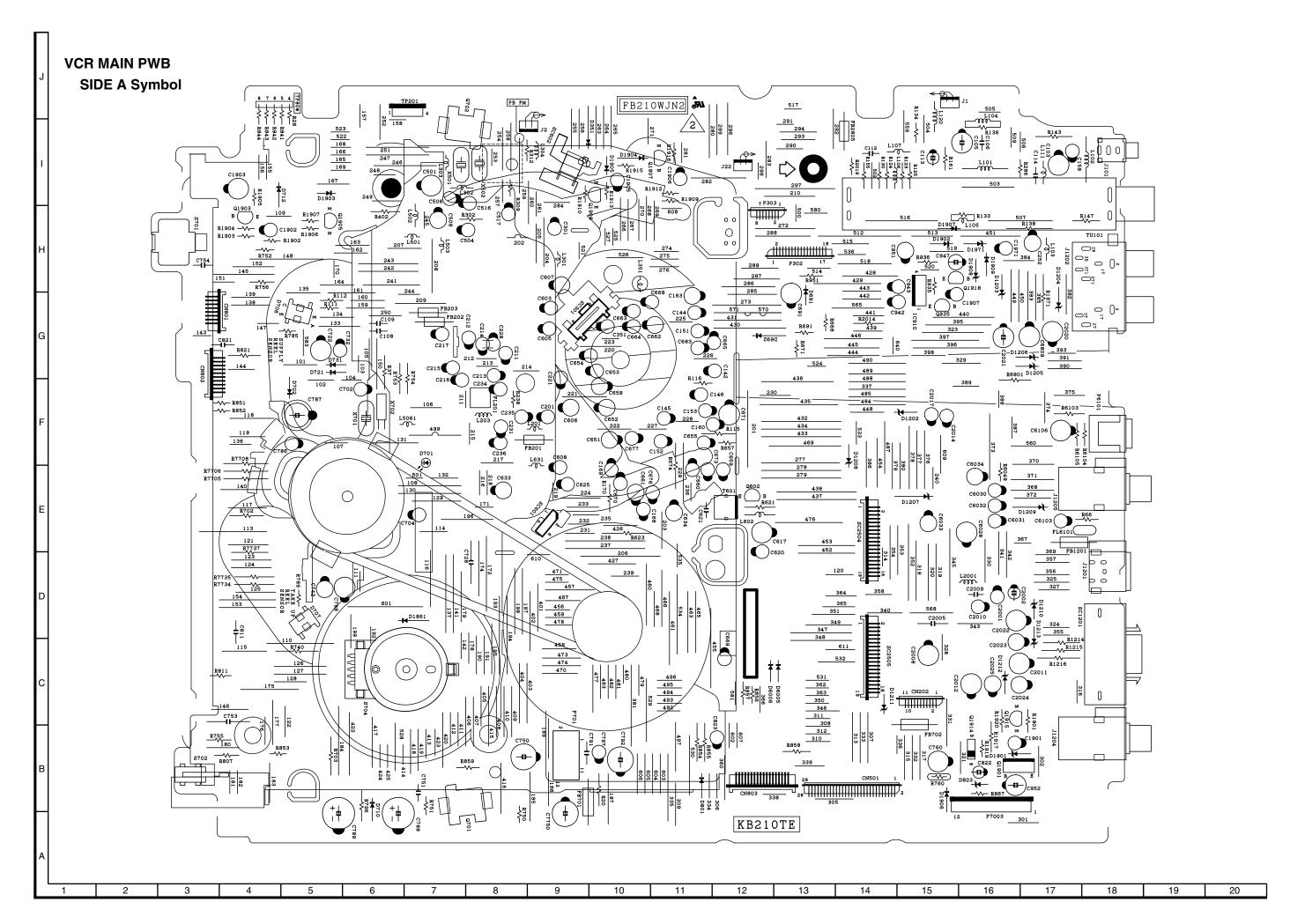


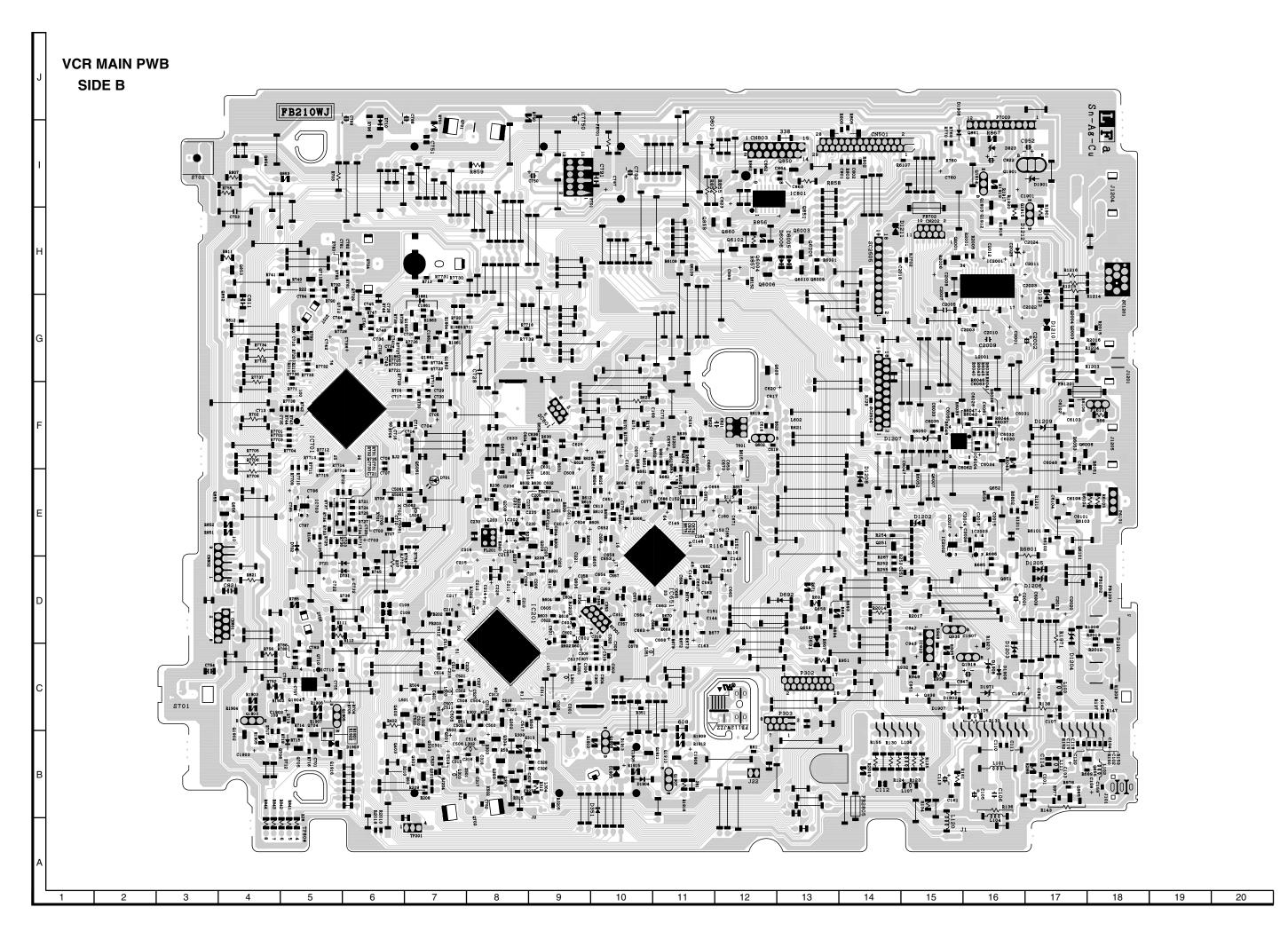
13-11. VCR OPERATION CIRCUIT SCHEMATIC DIAGRAM J CASSETTE TP803 SW8061 K0003AJ REC R8024 56K 56K R8099 R8023 Н 880 8 XF: 4 SW8056 K0003AJ STOP/EJECT SW8060 K0003AJ CH + G SW8055 KOOO3AJ OPERATE E ŧ Ε R8026 75 D C8031 330P C8032 FB8031 0077TA С E \sim M 4 Ŋ 9 ∞ FRONT AUDIO(R) FRONT_AUDIO(L) FRONT_VIDEO В J8002 || E0257GEZZ AUDIO IN(L) MAIN J8003 || E0180CEZZ AUDIO IN(R) KEYO KEY-GNB QND QN9 2 CN800 I N0895RE ¥ ∞ 9 Ω 4 \bowtie 2 3 4 5 6 7 8 9 10

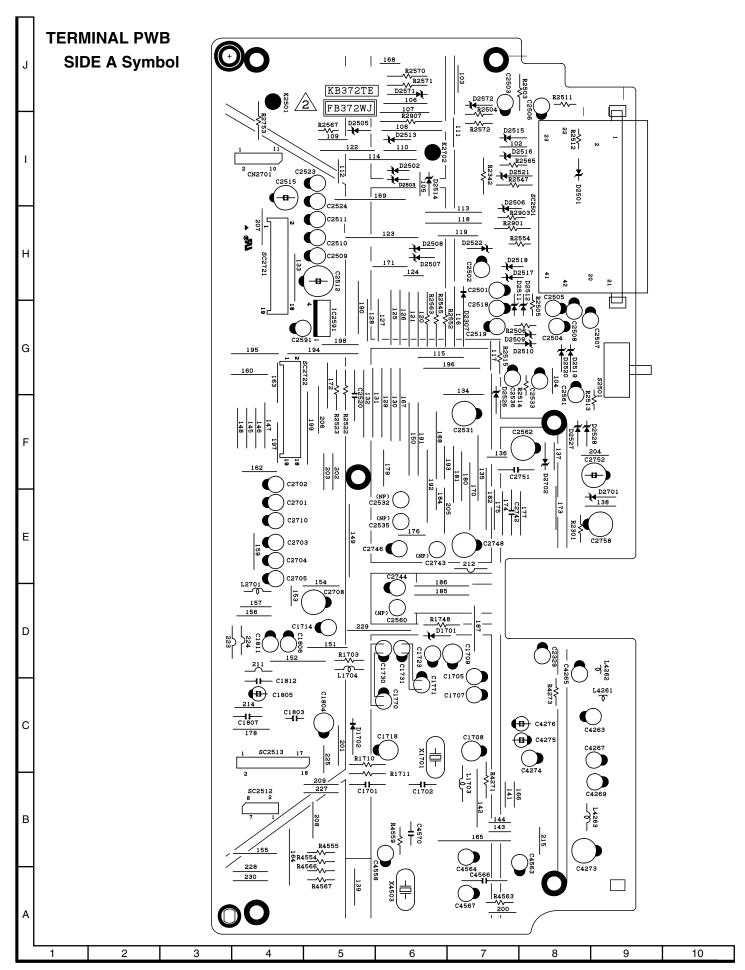


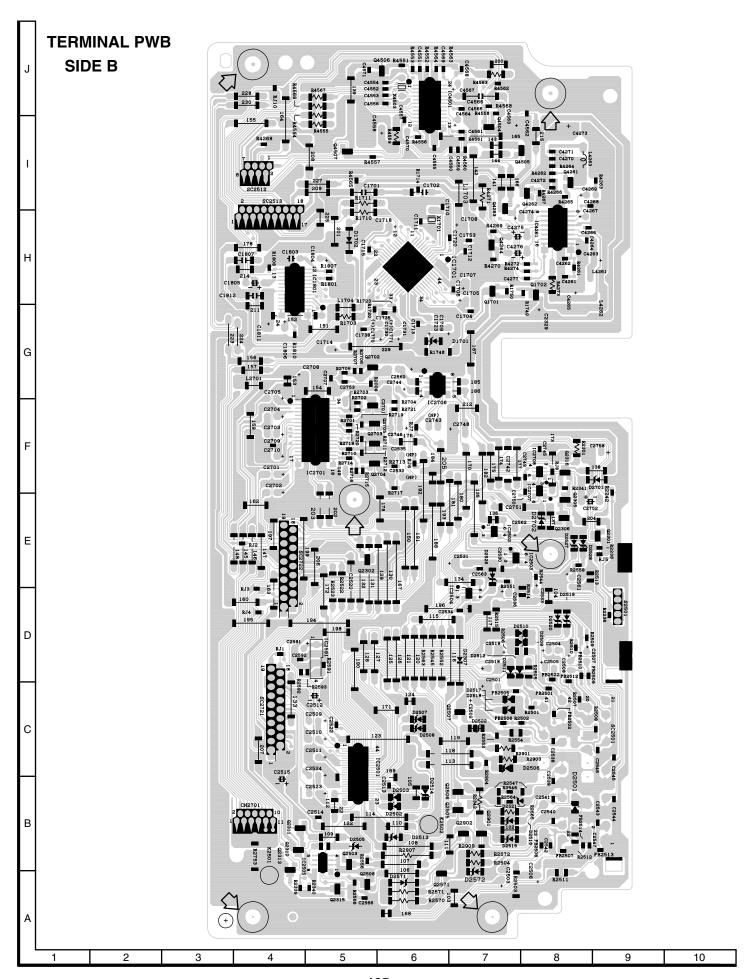


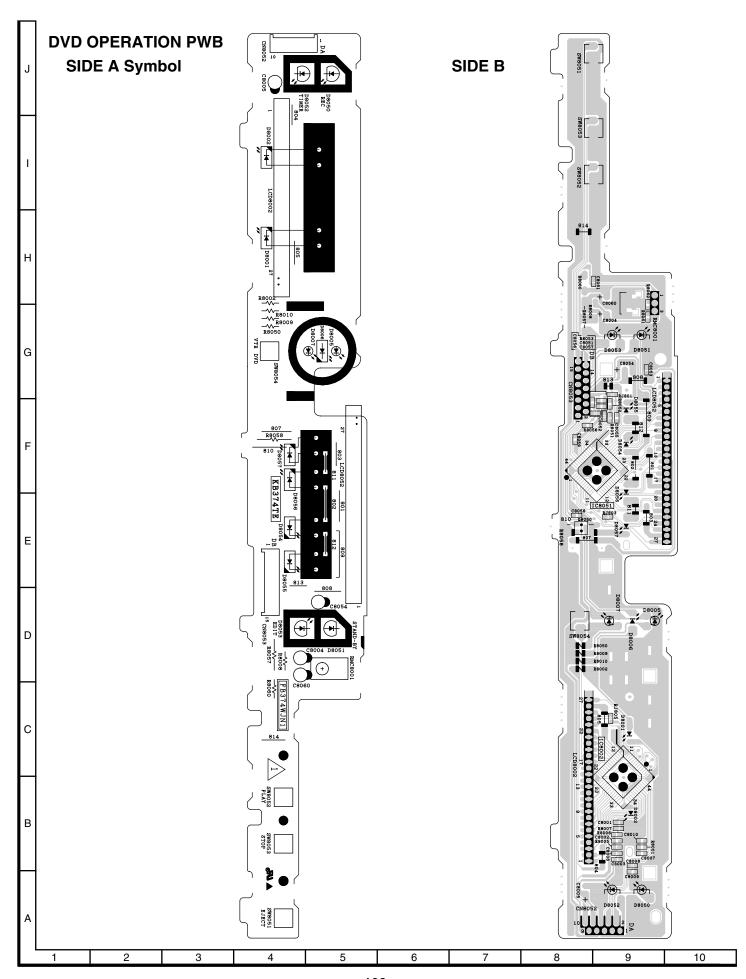


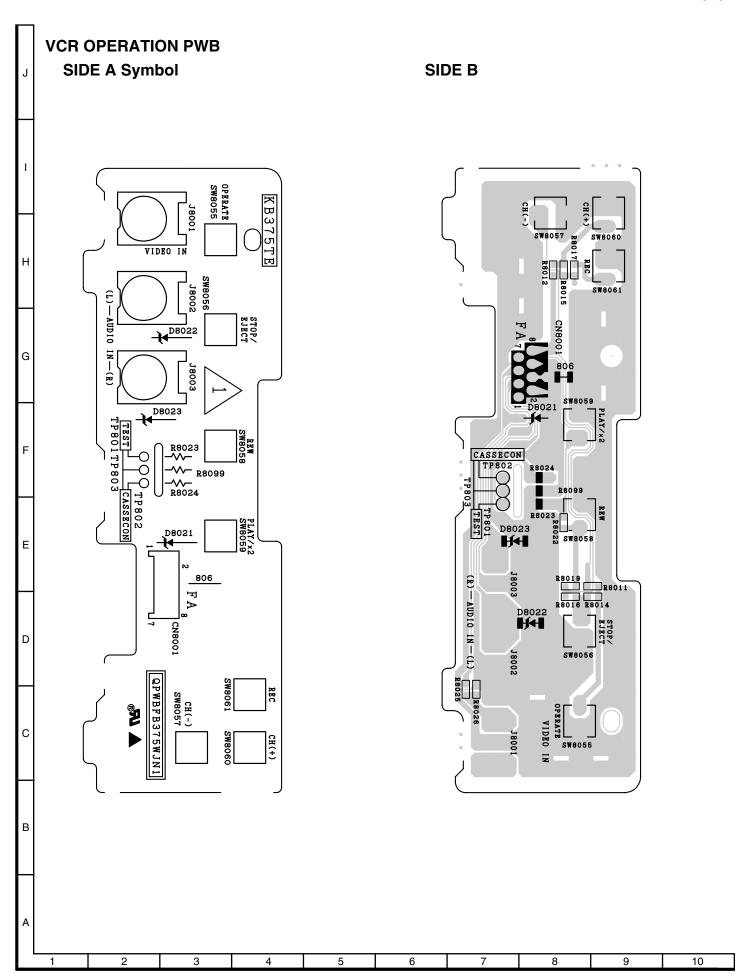


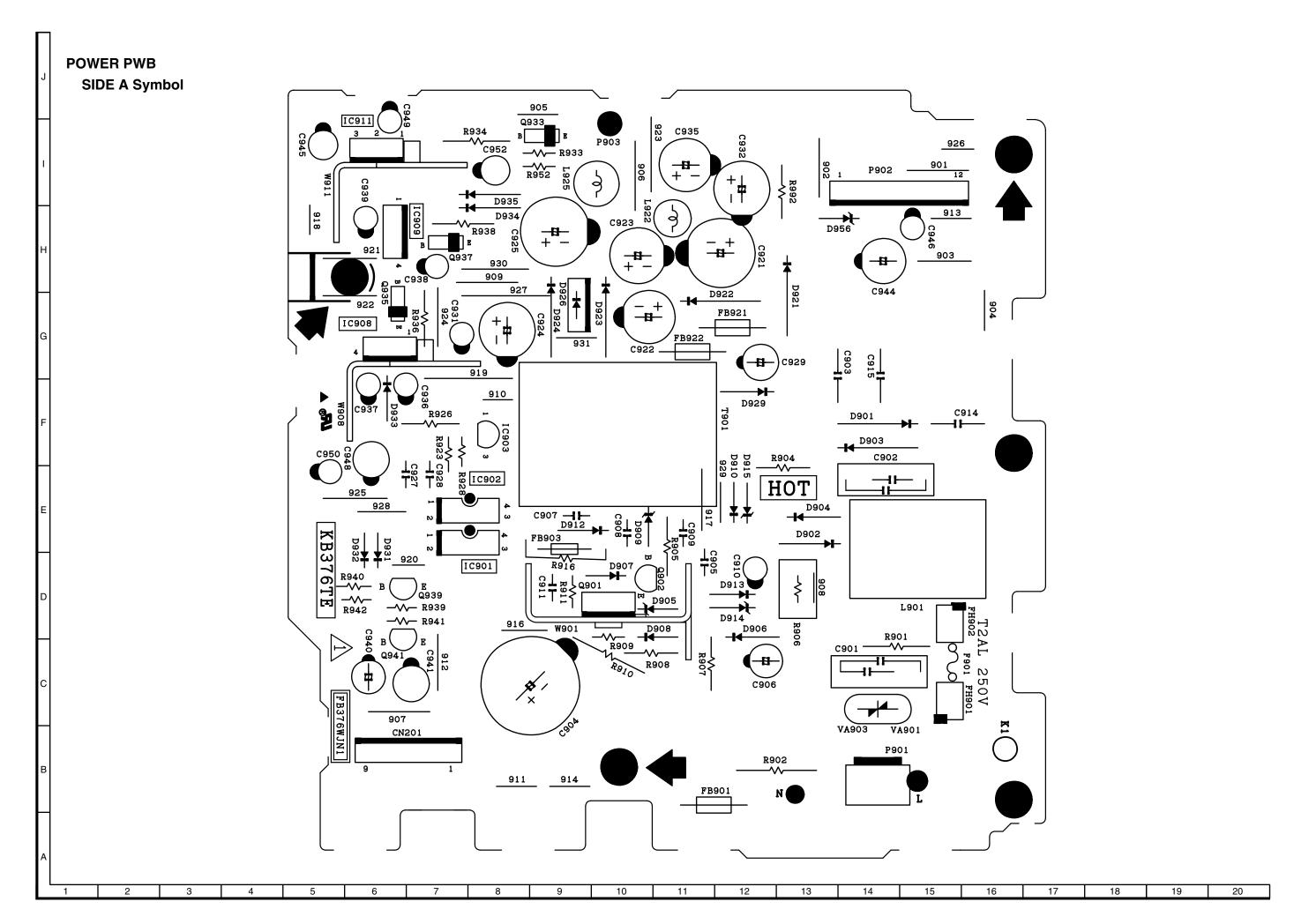


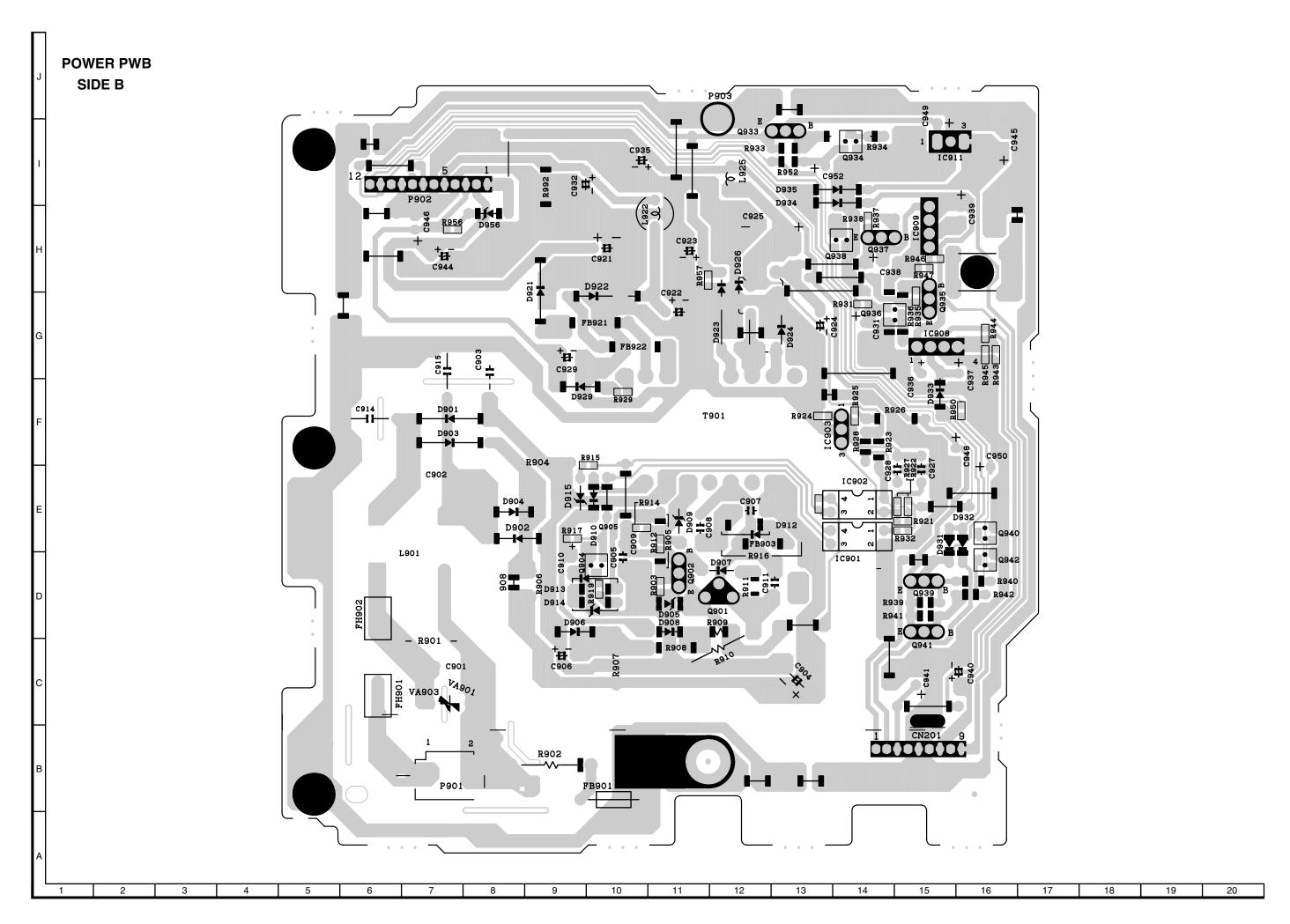












- M E M O -

Code

Description

15. REPLACEMENT PARTS LIST/ EXPLODED VIEWS

Ref. No.

Part No.

ELECTRICAL PARTS LIST

Parts marked with " Δ " are important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set.

"HOW TO ORDER REPLACEMENT PARTS"

To have your order filled promptly and correctly, please furnish the following informations.

1. MODEL NUMBER 2. REF. NO.
3. PART NO. 4. DESCRIPTION
5. PRICE CODE

MARK: SAFETY RELATED PARTS

PWB ASSEMBLY IS NOT REPLACEMENT ITEM

★MARK : SPARE PARTS-DELIVERY SECTION
"V" for Malaysia, "U" for SUKM

Ref. No. Part No. ★ Description Code

PRINTED WIRING BOARD ASSEMBLIES (NOT REPLACEMENT ITEM)

- DVD Main PWB Unit DUNTKB209TE6H DUNTKB210TEV4 VCR Main PWB Unit(NC70H) -DUNTKB210TEV5 - VCR Main PWB Unit(NC65H) -VCR Main PWB Unit(NC65S) DUNTKB210TEV7 - Terminal PWB Unit DUNTKB372TEV1 DVD Operation PWB Unit DUNTKB374TEV1 DUNTKB375TEV1 VCR Operation PWB Unit - Power PWB Unit DUNTKB376TEV1 DUNTKB233TEV1 - Sled Motor PWB Unit

DUNTKB209TE6H DVD MAIN PWB UNIT

	INTEGRATED CIRCUITS										
IC3301	VHiAN8703FH-1Q	٧	AN8703FH,	AU							
			Front End Processor								
IC3501	RH-iXA171WJZZQ	٧	IXA171WJ, CPU	AX							
IC3502	RH-iXA173WJZZQ	٧	IXA173WJ, 16Mbit Flash	ΑZ							
IC3503	VHiBD4730G+-1Y	٧	BD4730G+, Reset	ΑE							
IC3504	VHiBR24C04F-1Y	٧	BR24C04F, E ² PROM	AG							
IC3601	VHiMN677531-1Q	٧	MN677531, AV DEC	BL							
IC3602	RH-iX1779GEZZQ	٧	IX1779GE, 64Mbit SDRAM	BB							
IC3603	VHiBU2286FV-1Y	٧	BU2286FV, Clock Gen.	AP							
IC3701	VHiMN103S26-1Q	٧	MN103S26, SODC	BE							
IC3702	VHiNJM12904-1Y	٧	NJM12904	ΑE							
IC3703	VHiTC4W53F/-1Y	٧	TC4W53F	AF							
IC3704	VHiAN8785SB-1Y	٧	AN8785SB, Motor Driver	AL							
IC3802	VHiPCM1737E-1Y	٧	PCM1737E, Audio DAC	AN							
	TRAN	ISI	STORS								
Q3201	VS2SA1576A+-1Y	V	2SA1576A+	AB							
Q3202	VS2SA1576A+-1Y	-	2SA1576A+	AB							
Q3203	VS2SA1576A+-1Y	V	2SA1576A+	AB							
Q3204	VS2SA1576A+-1Y	V	2SA1576A+	AB							
Q3301	VS2SA1576A+-1Y	٧	2SA1576A+, HFM SW	AB							
Q3302	VSDTC144EUA-1Y		DTC144EUÁ	AB							
Q3303	VS2SA1298Y/-1Y	٧	2SA1298Y, CD Laser Driver	AB							
Q3304	VS2SA1298Y/-1Y		2SA1298Y, DVD Laser Driver	AB							
Q3305	VSDTC144EUA-1Y		DTC144EUA, Filter SW	AB							
Q3501	VS2SB1197K/-1Y	٧	2SB1197K, VPP_CTL	AC							

		′`				
Q3502	VSDTC124EUA-1Y	٧	DTC12	24EU	Ą	AB
	n	ını	DES			
D0004		_	_			
D3301	VHDDAP222//-1Y		DAP22			AA
D3501	VHDDAN222//-1Y	٧	DAN22	22		AA
	PACKA	GΕ	D CIR	CUIT		
X3601	RCRSCA015WJZZY	٧	Crysta	1, 36.8	864MHz	AΗ
			,	•		
		CC	IL			
L3201	VP-NM470K2R0NY			o 47	uН	AB
LUZUI	VI -INIVI-7 OIXEITOINI	٧	i canii	ıg, ¬/	μπ	AD
	0.4.0			_		
	_	_	ITOR	5		
C3201	VCKYCY1CB104KY	٧	0.1	16V	Ceramic	AB
C3203	VCKYCY1CB104KY	٧	0.1	16V	Ceramic	AB
C3204	VCEAPF0JW476MY	V	47	6.3V	Electrolytic	AB
C3301	VCKYCY1CB104KY	٧	0.1	16V	Ceramic	AB
C3303	VCKYCY1CB104KY	٧	0.1	16V	Ceramic	AB
C3310	VCEAPF0JW476MY			6.3V	Electrolytic	AB
C3311	VCEAPF0JW476MY			6.3V	Electrolytic	AB
C3330	VCEAPF0JW226MY			6.3V	Electrolytic	AB
C3331	VCKYCY1CB104KY			16V		AB
C3333				16V	Ceramic	AB
C3336	VCCCCY1HH101JY					AA
C3341					Electrolytic	AB
				16V		
C3342						AB
C3343				50V	Ceramic	AA
C3344					Electrolytic	AB
C3345				50V		AA
C3346	VCEAPF0JW476MY				Electrolytic	AB
C3347						AA
C3348	VCKYCY1HB152KY					AA
C3349	VCKYCY1CB473KY	٧	0.047	16V	Ceramic	AA
C3350	VCKYCY1CB273KY	٧	0.027	16V	Ceramic	AB
C3351	VCKYCY1HB561KY	٧	560p	50V	Ceramic	AA
C3352	VCKYCY1HB561KY	٧	560p	50V	Ceramic	AA
C3353	VCKYCY1CB104KY	٧	0.1	16V	Ceramic	AB
C3354	VCKYCY1CB104KY	٧	0.1	16V	Ceramic	AB
C3355	VCEAPF0JW476MY	٧	47	6.3V	Electrolytic	AB
C3360	VCKYCY1CB104KY	٧	0.1	16V	Ceramic	AB
C3361	VCKYCY1CB104KY			16V	Ceramic	AB
C3501	VCKYCY1CB104KY			16V	Ceramic	AB
C3502	VCKYCY1CB104KY			16V	Ceramic	AB
C3503	VCKYCY1CB104KY			16V	Ceramic	AB
C3504					Ceramic	AA
C3506	VCKYCY1HB103KY			50V	Ceramic	AA
C3507	VCKYCY1CB104KY			16V	Ceramic	AB
	VCKYCY1CB104KY			16V	Ceramic	AB
C3508			0.1	-		
C3509	VCKYCY1CB104KY	٧		16V	Ceramic	AB
C3510	VCKYCY1CB104KY		0.1	16V	Ceramic	AB
C3511	RC-EZ0475GEZZY	V	220	6.3V	Electrolytic	AD
C3512	VCKYCY1CB104KY			16V	Ceramic	AB
C3513	VCKYCY1CB104KY	V	0.1	16V	Ceramic	AB
C3514	VCKYCY1CB104KY		0.1	16V	Ceramic	AB
C3521	RC-EZ0475GEZZY	V	220	6.3V	Electrolytic	AD
C3522	RC-EZ0475GEZZY	٧		6.3V	•	AD
C3523	RC-EZ0475GEZZY	٧	220	6.3V	•	AD
C3524	RC-EZ0475GEZZY	٧	220	6.3V	Electrolytic	AD
C3525	VCCCCY1HH270JY	٧	27p	50V	Ceramic	AA
C3526	VCCCCY1HH270JY	٧	27p	50V	Ceramic	AA
C3527	VCKYCY1HB102KY	٧	1000p	50V	Ceramic	AA
C3528	VCKYCY1HB102KY	٧	1000p	50V	Ceramic	AA
C3601	VCKYCY1CB104KY	٧	0.1	16V	Ceramic	AB
C3602	VCKYCY1CB104KY	٧	0.1	16V	Ceramic	AB
C3603	VCKYCY1CB104KY	V	0.1	16V	Ceramic	AB
C3604	VCKYCY1CB104KY		0.1	16V	Ceramic	AB
C3605	VCKYCY1CB104KY	v	0.1	16V	Ceramic	AB
C3606	VCKYCY1CB104KY		0.1	16V	Ceramic	AB
C3607	VCKYCY1CB104KY	v	0.1	16V	Ceramic	AB
C3608	VCKYCY1CB104KY		0.1	16V	Ceramic	AB
C3609	VCKYCY1CB104KY		0.1	16V	Ceramic	AB
C3610	VCKYCY1CB104KY			16V	Ceramic	AB
C3611	VCKYCY1CB104KY		0.1	16V	Ceramic	AB
C3612	VCKYCY1CB104KY	٧	0.1	16V	Ceramic	AB

Ref. No.	Part No.	*	Descripti	ion	Code	Ref. No.	Part No.	*	Descr	iption	Code
		KB209				C3741				Ceramic	AB
	DVD MAIN PV	VB UNI	T(Continue	ed)			VCKYCY1CB104KY			Ceramic	AB
	\\0\0\0\0\\0\\						VCKYCY1CB104KY			Ceramic	AB
	VCKYCY1CB104KY		16V Cer		AB		VCKYCY1CB104KY			Ceramic	AB
C3614	VCKYCY1CB104KY VCKYCY1CB104KY		16V Cer 16V Cer		AB AB		VCKYCY1CB393KY VCKYCY1HB103KY			Ceramic Ceramic	AA AA
	RC-EZ0475GEZZY				AD		VCKYCY1CB103K1			Ceramic	AB
C3617					AD		VCKYCY1CB104KY			Ceramic	AB
C3618	VCKYCY1CB104KY		16V Cer		AB		VCKYCY1CB104KY			Ceramic	AB
	VCKYCY1CB104KY		16V Cer		AB		VCKYCY1CB104KY		_	Ceramic	AB
C3620	VCKYCY1CB104KY	′ V 0.1	16V Cer	ramic	AB	C3760	VCKYCY1CB104KY	V 0.1		Ceramic	AB
C3621	VCKYCY1CB104KY		16V Cer	ramic	AB		VCKYCY1CB104KY		16V	Ceramic	AB
	VCKYCY1CB104KY		16V Cer		AB		VCKYCY1CB104KY			Ceramic	AB
	VCKYCY1CB104KY		16V Cer		AB		RC-EZ0475GEZZY			Electrolytic	AD
C3624 C3625	VCKYCY1CB104KY VCKYCY0JF105ZY		16V Cer 6.3V Cer		AB		RC-EZ0475GEZZY VCKYCY1CB104KY			Electrolytic	AD AB
C3626	VCKYCY0JF105ZY		6.3V Cer		AB AB		VCKYCY1CB104KY			Ceramic Ceramic	AB
	VCKYCY0JF105ZY		6.3V Cer		AB		VCKYCY1CB104KY			Ceramic	AB
C3628	VCKYCY0JF105ZY		6.3V Cer		AB		VCEAPF1CW106MY			Electrolytic	AB
C3629	VCKYCY1CB104KY		16V Cer		AB		VCKYCY1CB104KY			Ceramic	AB
C3630	VCKYCY1CB104KY	′ V 0.1	16V Cer	ramic	AB	C3801	VCEAPF0JW107MY	V 100	6.3V	Electrolytic	AC
C3631	VCKYCY1CB104KY		16V Cer	ramic	AB		RC-EZ0475GEZZY			Electrolytic	AD
	VCKYCY1CB104KY		16V Cer		AB		VCKYCY1CB104KY			Ceramic	AB
	VCKYCY1CB104KY		16V Cer		AB		VCKYCY1CB104KY			Ceramic	AB
C3634	VCKYCY1CB104KY VCKYCY1CB104KY		16V Cer 16V Cer		AB		VCEAPF1CW106MY VCKYCY1CB104KY			Electrolytic	AB
	VCKYCY1CB104KY		16V Cer		AB AB		VCEAPF1CW106MY			Ceramic Electrolytic	AB AB
	VCKYCY1CB104KY		16V Cer		AB		RCRMCA003WJZZY			•	AE
C3638	VCKYCY1CB104KY		16V Cer		AB	. 20001	11011111071000110221	• 00.	VID	ator	,
C3639	VCKYCY1CB104KY	′ V 0.1	16V Cer		AB		RES	ISTO	RS		
C3640	VCKYCY1CB104KY	′ V 0.1	16V Cer	ramic	AB	R3201	VRS-CY1JF330JY	V 33	1/16W	Metal Oxide	AA
C3641	VCKYCY1CB104KY		16V Cer		AB	R3202	VRS-CY1JF680FY	V 68	1/16W	Metal Oxide	AA
	VCKYCY1CB104KY		16V Cer		AB	R3203	VRS-CY1JF102JY	V 1k	1/16W	Metal Oxide	
	VCKYCY1CB104KY		16V Cer		AB		VRS-CY1JF750FY	V 75	1/16W	Metal Oxide	
C3644 C3645	VCKYCY1CB104KY VCKYCY1CB104KY		16V Cer 16V Cer		AB AB	R3205		V 33	1/16W	Metal Oxide	
	VCKYCY1CB104KY		16V Cer		AB	R3206 R3207	VRS-CY1JF102JY VRS-CY1JF330JY	V 1k V 33	1/16W 1/16W	Metal Oxide Metal Oxide	
	VCKYCY1CB104KY		16V Cer		AB	R3208	VRS-CY1JF680FY	V 68	1/16W	Metal Oxide	
C3650	VCCCCY1HH9R0DY	V 9p	50V Cer		AA	R3209	VRS-CY1JF102JY	V 1k	1/16W	Metal Oxide	
C3651	VCCCCY1HH9R0DY		50V Cer	ramic	AA	R3210	VRS-CY1JF330JY	V 33	1/16W	Metal Oxide	AA
	VCKYCY1CB104KY		16V Cer		AB	R3211	VRS-CY1JF750FY	V 75	1/16W	Metal Oxide	AA
	VCKYCY1CB104KY		16V Cer		AB		VRS-CY1JF102JY	V 1k	1/16W	Metal Oxide	
C3654 C3655	VCEAPF0JW107M\ VCKYCY1CB104KY				AC AB	R3213		V 10	1/16W	Metal Oxide	
C3656	VCKYCY1CB104KY		16V Cer 16V Cer		AB	R3214 R3215	VRS-CY1JF100JY VRS-CY1JF100JY	V 10 V 10	1/16W 1/16W	Metal Oxide Metal Oxide	
	VCKYCY1CB104KY		16V Cer		AB		VRS-CY1JF100JY	V 10	1/16W	Metal Oxide	
	VCKYCY1HB103KY				AA		VRS-CY1JF100JY	V 10	1/16W	Metal Oxide	
C3702	VCKYCY1CB104KY	′ V 0.1	16V Cer	ramic	AB		VRS-CY1JF100JY	V 10	1/16W		
	VCKYCY1CB104KY		16V Cer		AB	R3301	VRS-CY1JF820JY	V 82	1/16W	Metal Oxide	AA
	VCKYCY1CB104KY		16V Cer		AB	R3302	VRS-CY1JF100JY	V 10	1/16W	Metal Oxide	AA
	VCKYCY1CB333KY				AA		VRS-CY1JF822JY		1/16W	Metal Oxide	
	VCCCCY1HH680JY VCKYCY1CB104KY		50V Cer 16V Cer		AA AB		VRS-CY1JF103JY	V 10k	1/16W	Metal Oxide	
	VCKYCY1CB104KY		16V Cer		AB		VRS-CY1JF820JY VRS-CY1JF100JY	V 82 V 10	1/16W 1/16W	Metal Oxide Metal Oxide	
	VCKYCY1HB681KY				AA		VRS-CY1JF472JY		1/16W	Metal Oxide	
	VCKYCY1HB682KY				AA		VRS-CY1JF472JY		1/16W	Metal Oxide	
C3714	VCKYCY1CB104KY	′ V 0.1	16V Cer	ramic	AB		VRS-CY1JF103JY	V 10k	1/16W	Metal Oxide	
	VCKYCY1CB104KY		16V Cer		AB	R3313	VRS-TW2ED470JY	V 47	1/4W	Metal Oxide	· AA
	VCKYCY1HB102KY		•		AA		VRS-TW2ED470JY	V 47	1/4W	Metal Oxide	
	VCKYCY1HB821KY		•		AA		VRS-CY1JF103JY	V 10k	1/16W	Metal Oxide	
	VCKYCY1HB102KY VCKYCY1CB104KY		16V Cer		AA AB		VRS-CY1JF473JY	V 47k	1/16W	Metal Oxide	
	VCKYCY1HB331KY				AA		VRS-CY1JF471JY VRS-CY1JF473JY	V 470 V 47k	1/16W 1/16W	Metal Oxide Metal Oxide	
	VCKYCY1HB331KY		•		AA		VRS-CY1JF103JY	V 47K	1/16W	Metal Oxide	
	VCKYCY1HB102KY		•		AA	R3321		V 33	1/4W	Metal Oxide	
	VCKYCY1HB102KY		•		AA		VRS-CY1JF103JY	V 10k	1/16W	Metal Oxide	
	VCKYCY1HB102KY		•		AA		VRS-CY1JF473JY	V 47k	1/16W	Metal Oxide	
	VCKYCY1HB102KY		•		AA		VRS-CY1JF471JY	V 470	1/16W	Metal Oxide	
	VCKYCY1HB102KY		•		AA AB		VRS-CY1JF473JY	V 47k	1/16W	Metal Oxide	
	VCKYCY1CB104KY VCKYCY1CB104KY		16V Cer 16V Cer		AB AB		VRS-CY1JF103JY	V 10k	1/16W	Metal Oxide	
	VCKYCY1CB104KY		16V Cer		AB		VRS-CY1JF103JY VRS-CY1JF335JY	V 10k	1/16W 1/16W /	Metal Oxide Metal Oxide	
	VCKYCY1CB104KY		16V Cer		AB		VRS-CY1JF335JY		/I 1/16W	Metal Oxide	
	VCKYCY1CB104KY		16V Cer		AB		VRS-CY1JF223JY		1/16W	Metal Oxide	
	VCEAPF0JW476MY		6.3V Elec		AB		VRS-CY1JF000JY	V 0	1/16W		

Ref. No. Part No. Description Code Ref. No. Part No. Description Code **DUNTKB209TE6H** R3627 VRS-CY1JF820JY V 82 1/16W Metal Oxide AA **DVD MAIN PWB UNIT(Continued)** V 82 R3628 VRS-CY1JF820JY 1/16W Metal Oxide AA Metal Oxide AA R3629 VRS-CY1JF820JY V 82 1/16W R3337 VRS-CY1JF105JY V 1M 1/16W Metal Oxide AA R3630 VRS-CY1JF820JY V 82 1/16W Metal Oxide AA VRS-CY1JF105JY R3338 V 1M 1/16W Metal Oxide AA VRS-CY1JF820JY V 82 1/16W Metal Oxide AA R3631 R3339 VRS-CY1JF000JY V 0 1/16W Metal Oxide AA R3632 VRS-CY1JF820JY V 82 1/16W Metal Oxide AA R3351 VRS-CY1JF000JY ٧ Metal Oxide AA VRS-CY1JF820JY 0 1/16W R3633 V 82 1/16W Metal Oxide AA VRS-CY1JF820JY R3352 VRS-CY1JF000JY V 0 1/16W Metal Oxide AA R3634 V 82 1/16W Metal Oxide AA R3353 VRS-CY1JF000JY V 0 1/16W Metal Oxide AA R3635 VRS-CY1JF820JY V 82 1/16W Metal Oxide AA R3636 R3354 VRS-CY1JF000JY V 0 1/16W Metal Oxide AA VRS-CY1JF820JY V 82 1/16W Metal Oxide AA VRS-CY1JF220JY R3355 VRS-CY1JF000JY V 0 1/16W Metal Oxide AA R3637 V 22 1/16W Metal Oxide AA VRS-CY1JF000JY Metal Oxide AA VRS-CY1JF101JY R3356 V 0 1/16W R3638 V 100 1/16W Metal Oxide AA VRS-CY1JF000JY R3640 VRS-CY1JF000JY V 0 1/16W Metal Oxide AA R3357 V O 1/16W Metal Oxide AA R3358 VRS-CY1JF000JY V 0 1/16W Metal Oxide AA R3641 VRS-CY1JF000JY ٧ 0 1/16W Metal Oxide AA R3501 VRS-CY1JF103JY V 10k 1/16W Metal Oxide AA VRS-CY1JF103JY R3643 V 10k 1/16W Metal Oxide AA VRS-CY1JF103JY Metal Oxide AA VRS-CY1JF221JY R3502 V 10k 1/16W R3644 V 220 1/16W Metal Oxide AA VRS-CY1JF103JY VRS-CY1JF102JY R3503 10k 1/16W Metal Oxide AA R3701 V 1k 1/16W Metal Oxide AA 1/16W VRS-CY1JF153JY VRS-CY1JF103JY Metal Oxide AA R3504 V 10k R3705 V 15k 1/16W Metal Oxide AA R3506 VRS-CY1JF103JY V 10k 1/16W Metal Oxide AA R3706 VRS-CY1JF105JY V 1M 1/16W Metal Oxide AA VRS-CY1JF000JY V 0 1/16W Metal Oxide AA VRS-CY1JF822JY R3507 R3707 V 8.2k 1/16W Metal Oxide AA R3508 VRS-CY1JF560JY V 56 1/16W Metal Oxide AA R3708 VRS-CY1JF822JY V 8.2k 1/16W Metal Oxide AA VRS-CY1JF103JY 1/16W Metal Oxide AA VRS-CY1JF153JY R3509 V 10k R3709 V 15k 1/16W Metal Oxide AA VRS-CY1JF153JY VRS-CY1JF103JY Metal Oxide AA R3510 V 10k 1/16W R3710 Metal Oxide AA V 15k 1/16W R3512 VRS-CY1JF472JY ٧ 4.7k 1/16W Metal Oxide AA R3711 VRS-CY1JF153JY 15k 1/16W Metal Oxide AA 1/16W VRS-CY1JF103JY Metal Oxide AA R3712 VRS-CY1JF153JY V 15k R3514 V 10k 1/16W Metal Oxide AA VRS-CY1JF103JY VRS-CY1JF153JY R3515 V 10k 1/16W Metal Oxide AA R3713 V 15k 1/16W Metal Oxide AA R3518 VRS-CY1JF103JY ٧ 10k 1/16W Metal Oxide AA R3714 VRS-CY1JF153JY V 15k 1/16W Metal Oxide AA VRS-CY1JF103JY 1/16W Metal Oxide AA VRS-CY1JF153JY R3519 V 10k R3715 V 15k 1/16W Metal Oxide AA R3520 VRS-CY1JF103JY ٧ 10k 1/16W Metal Oxide AA R3716 VRS-CY1JF153JY V 15k 1/16W Metal Oxide AA Metal Oxide AA R3521 VRS-CY1JF103JY V 10k 1/16W R3720 VRS-CY1JF102JY 1/16W Metal Oxide AA V 1k R3522 VRS-CY1JF472JY V 4.7k 1/16W Metal Oxide AA R3721 VRS-CY1JF000JY V 0 1/16W Metal Oxide AA VRS-CY1JF472JY R3523 V 4.7k 1/16W Metal Oxide AA R3722 VRS-CY1JF473JY V 47k Metal Oxide AA 1/16W V 4.7k 1/16W Metal Oxide AA R3524 VRS-CY1JF472JY R3723 VRS-CY1JF682JY V 6.8k 1/16W Metal Oxide AA R3527 VRS-CY1JF472JY V 4.7k 1/16W Metal Oxide AA R3724 VRS-CY1JF682JY V 6.8k 1/16W Metal Oxide AA R3528 VRS-CY1JF000JY V 0 1/16W Metal Oxide AA VRS-CY1JF273JY R3725 V 27k 1/16W Metal Oxide AA R3529 VRS-CY1JF472JY V 4.7k 1/16W Metal Oxide AA R3726 VRS-CY1JF273JY V 27k 1/16W Metal Oxide AA R3530 VRS-CY1JF103JY V 10k 1/16W Metal Oxide AA VRS-CY1JF273JY 1/16W Metal Oxide AA R3727 V 27k VRS-CY1JF102JY Metal Oxide AA VRS-CY1JF273JY R3532 V 1k 1/16W R3728 V 27k 1/16W Metal Oxide AA R3533 VRS-CY1JF102JY V_{1k} 1/16W Metal Oxide AA R3731 VRS-CY1JF472JY V 4.7k 1/16W Metal Oxide AA VRS-CY1JF000JY VRS-CY1JF472JY 1/16W Metal Oxide AA R3536 V 0 R3733 V 4.7k 1/16W Metal Oxide AA R3537 VRS-CY1JF000JY ٧ 0 1/16W Metal Oxide AA R3734 VRS-CY1JF183JY ٧ 1/16W Metal Oxide AA 18k R3539 VRS-CY1JF222JY V 2.2k 1/16W Metal Oxide AA R3736 VRS-CY1JF101JY ٧ Metal Oxide AA 100 1/16W VRS-CY1JF101JY VRS-CY1JF472JY R3540 V 4.7k 1/16W Metal Oxide AA R3737 V 100 1/16W Metal Oxide AA R3541 VRS-CY1JF103JY V 10k 1/16W Metal Oxide AA R3738 VRS-CY1JF101JY ٧ 100 1/16W Metal Oxide AA VRS-CY1JF103JY 1/16W Metal Oxide AA R3542 VRS-CY1JF103JY V 10k R3740 V 1/16W Metal Oxide AA 10k VRS-CY1JF102JY R3543 VRS-CY1JF103JY 1/16W Metal Oxide AA R3741 1/16W Metal Oxide AA V 10k V 1k VRS-CY1JF102JY VRS-CY1JF103JY Metal Oxide AA R3742 V 1k 1/16W R3544 V 10k 1/16W Metal Oxide AA R3545 VRS-CY1JF332JY ٧ 3.3k 1/16W Metal Oxide AA R3743 VRS-CY1JF101JY V 100 1/16W Metal Oxide AA VRS-CY1JF332JY VRS-CY1JF102JY R3546 ٧ 3.3k 1/16W Metal Oxide AA R3744 ٧ 1k 1/16W Metal Oxide AA VRS-CY1JF153JY VRS-CY1JF102JY R3601 1/16W Metal Oxide AA R3750 1/16W Metal Oxide AA V 1k V 15k R3602 VRS-CY1JF102JY ٧ 1/16W Metal Oxide AA R3751 VRS-CY1JF823JY ٧ 1/16W Metal Oxide AA 1k 82k R3752 R3603 VRS-CY1JF101JY V 100 1/16W Metal Oxide AA VRS-CY1JF823JY V 82k 1/16W Metal Oxide AA R3604 VRS-CY1JF101JY V 100 1/16W Metal Oxide AA R3753 VRS-CY1JF153JY ٧ 15k 1/16W Metal Oxide AA VRS-CY1JF273JY R3605 VRS-CY1JF101JY ٧ 100 1/16W Metal Oxide AA R3756 ٧ 27k 1/16W Metal Oxide AA R3606 VRS-CY1JF103JY V 10k 1/16W Metal Oxide AA R3760 VRS-CY1JF183JY V 18k 1/16W Metal Oxide AA VRS-CY1JF153FY Metal Oxide AA R3761 VRS-CY1JF104JY R3607 15k 1/16W 100k 1/16W Metal Oxide AA R3608 VRS-CY1JF152FY V 1.5k 1/16W Metal Oxide AA R3762 VRS-CY1JF104JY V 100k 1/16W Metal Oxide AA R3609 VRS-CY1JF102FY V 1k 1/16W Metal Oxide AA R3763 VRS-CY1JF823JY ٧ 82k 1/16W Metal Oxide AA VRS-CY1JF152FY VRS-CY1JF104JY R3610 V 1.5k 1/16W Metal Oxide AA R3764 ٧ 100k 1/16W Metal Oxide AA VRS-CY1JF102FY VRS-CY1JF393JY R3611 V 1k 1/16W Metal Oxide AA R3765 ٧ 39k 1/16W Metal Oxide AA VRS-CY1JF152FY VRS-CY1JF183JY R3612 1.5k 1/16W Metal Oxide AA R3766 ٧ 18k 1/16W Metal Oxide AA VRS-CY1JF102FY Metal Oxide AA VRS-CY1JF000JY R3613 V 1k 1/16W R3767 V 0 1/16W Metal Oxide AA R3614 VRS-CY1JF152FY V 1.5k 1/16W Metal Oxide AA R3768 VRS-CY1JF153JY V 15k 1/16W Metal Oxide AA R3615 VRS-CY1JF102FY V 1k 1/16W Metal Oxide AA R3801 VRS-CY1JF000JY V 0 1/16W Metal Oxide AA R3616 VRS-CY1JF153FY ٧ 15k 1/16W Metal Oxide AA R3802 VRS-CY1JF000JY V 0 1/16W Metal Oxide AA VRS-CY1JF153FY Metal Oxide AA VRS-CY1JF000JY R3617 V 15k 1/16W R3803 V 0 1/16W Metal Oxide AA 6.8k 1/16W VRS-CY1JF682FY Metal Oxide AA VRS-TV1JD470JY V 47 1/16W Metal Oxide AA R3618 V R3804 R3619 VRS-CY1JF000JY 1/16W Metal Oxide AA V 0 Metal Oxide AA R3620 VRS-CY1JF000JY V 0 1/16W **BALUNES** R3621 VRS-CY1JF820JY V 82 1/16W Metal Oxide AA FB3301 RBLN-0077TAZZY V Balun, BLN-0077TA AB R3622 VRS-CY1JF820JY V 82 1/16W Metal Oxide AA FB3302 RBLN-0061TAZZY V Balun, BLN-0061TA AD V 82 VRS-CY1JF820JY Metal Oxide AA R3623 1/16W FB3501 RBLN-0061TAZZY Balun, BLN-0061TA AD VRS-CY1JF820JY Metal Oxide AA R3624 V 82 1/16W FB3502 RBLN-0077TAZZY V Balun, BLN-0077TA AΒ R3625 VRS-CY1JF820JY V 82 1/16W Metal Oxide AA FB3503 RBLN-0077TAZZY Balun, BLN-0077TA V AB R3626 VRS-CY1JF820JY V 82 1/16W Metal Oxide AA V Balun, BLN-0077TA FB3504 RBLN-0077TAZZY AR

DVD MAIN PWB UNIT(Continued)	Ref. No.	Part No.	*	Description	Code	Ref. No.	Part No.	*	Description	Code
P83505 RBLN-00777A27						Q401	VSKRC102S//-1Y	٧	KRC102S	AA
F88506 F881-00777427		DVD MAIN PW	вu	INII (Continued)						
F88907 F814-N0077TAZY V Balun, BIN-0077TA AB S002 VSRA1028/11 V KRA1028 AA F88908 F814-N007TAZY V Balun, BIN-0077TA AB S003 VSRA1028/11 V SCR01028 AA AA F88918 F814-N007TAZY V Balun, BIN-0077TA AB S004 VSRA1028/11 V SCR01028 AA AB S004 VSRA1028/11 V SCR01028 AB AB S004 VSRA1028 AB S004 VSRA1028/11 V SCR01028 AB S004 VSRA1028	======	DD1 11 00====1.			•-					
F83596 F814-N00771A27 V Balun, B1.N-00771A AB B83596 F814-N00771A27 V Balun, B1.N-00771A AB B8351 F814-N00771A27 V Balun, B1.N-00771A AB B8352 F814-N00774A27 V Balun, B1.N-00617A AB B7352 F814-N00774A27 V Balun, B1.N-00617A AB B7352 F814-N00874A27 V B814-N00874A AB B7352 F8				· ·						
F88506 RBLN-007771AZZY V Salun, BLN-007771A AB G600 VSS2F02609V;-1 V V SP0601AR AB G831 RBLN-00777AZZY V Salun, BLN-00777A AB G604 VSRPA01059V;-1 V V V V V V AB AB AB				· ·						
F8851 RBLN-007771AZZY V Balun, BLN-007771A AB G604 VSSPP601AR-11 V ZPD601AR AB AB AB AB C605 VSSPP601AR-11 V ZPD601AR AB C605 VSSPP601AR-11				· ·						
F8851 RBLN-007771AZZY V Balun, BLN-00777A AB G604 VSSPP001AR-17 V V ZPD601AR AB G851 RBLN-00777AZZY V Balun, BLN-00777A AB G605 VSSPP001AR-17 V V ZPD601AR AB G851 RBLN-00777AZZY V Balun, BLN-00777A AB G607 VSSPP001AR-17 V V ZPD601AR AB G851 RBLN-00777AZZY V Balun, BLN-00777A AB G652 VSSPP001AR-17 V V ZPD601AR AB G853 RBLN-00777AZZY V Balun, BLN-00777A AB G652 VSSPP001AR-17 V V ZPD601AR AB G853 RBLN-00777AZZY V Balun, BLN-00777A AB G652 VSSPP001AR-17 V V ZPD601AR AB G853 RBLN-00777AZZY V Balun, BLN-00777A AB G652 VSSPP001AR-17 V V ZPD601AR AB G853 RBLN-00777AZZY V Balun, BLN-00777A AB G659 VSKR-01638-17 V V ZPD601AR AB G859 SVKR-01638-17 V V ZPD601AR AB G850 SVKR-01638-17 V V ZPD601AR				· ·						
F88513 BBLN-007771AZZY V Balun, BLN-007771A AB B88514 BBLN-007771AZZY V Balun, BLN-007771A AB B88515 BBLN-007771AZZY V Balun, BLN-007771A AB G8851 V S2PD601AR-1-Y V ZPD601AR AB AB S88516 BBLN-00777AZZY V Balun, BLN-007771A AB G8852 V S2PD601AR-1-Y V ZPD601AR AB AB S8852 BBLN-00777AZZY V Balun, BLN-00777A AB G8852 V SEND-0077AZZY V Balun, BLN-00777A AB G705 V SEPB007AR-1-Y V V SE	FB3511	RBLN-0077TAZZY	V	Balun, BLN-0077TA	AB	Q604				AA
F88514 FBLN-00777A2ZY V Salun, BLN-00777A AB G81 V S2PDB01AR-11 V ZPDB01AR AB R85815 FBLN-00777A2ZY V Balun, BLN-00777A AB G85 V S2PDB01AR-11 V ZPDB01AR AB G85 V S2PDB01AR-12 V ZPDB01AR AB G85 V S2PDB01AR-12 V ZPDB01AR AB G85 V S2PDB01AR-12 V ZPDB01AR AB G85 V SEMIN GENERAL C C C C C C C C C				· ·						
FB8516 RBLN-007771AZZY V Balun, BLN-0077TA AB G655				· ·						
FB8516 RBLN-0077TAZZY V Balun, BLN-0077TA AB C655 VSZPD061AR-IT V ZPD601AR AA AB C658 VSRAP1045V-IT V KRA1045 AA AB C658 VSRAP1045V-IT V KRA1045 AA AB C659 VSRAP1045V-IT V KRA1045 AA AB C700 VSRAP1045V-IT				· ·						
FB8517 RBLN-007771AZZY V Balun, BLN-0077TA AB C659 VSRRA1045K-117 V KRA1045 AA C8580 RBLN-00771AZZY V Balun, BLN-0077TA AB C659 VSRRA1045K-117 V KRA1045 AA C8580 RBLN-0077TAZZY V Balun, BLN-0077TA AB C700 VSRZB709AR-117 V ZPDE01AR AB AB C700 VSRZB709AR-117 V ZPDE01AR AB C700 VSRZB709AR-117 VS				· ·						
FB8518 RBLN-007771AZY V Balun, BLN-0077TA AB G659 VSKRA1045K-117 V KRA104S AA RB852 RBLN-0077TAZY V Balun, BLN-0077TA AB G660 VSKRC1045K-117 V KRA104S AA RB852 RBLN-0077TAZY V Balun, BLN-0077TA AB G704 VSKRC1045K-117 V ZPD709AR AB AB AB G860 VSKRC1045K-117 V ZPD709AR AB G860 RBLN-0061TAZY V Balun, BLN-0061TA AD G712 VSKRC1045K-117 V ZPD709AR AB G860 RBLN-0061TAZY V Balun, BLN-0061TA AD G851 VSKRC1045K-117 V ZPD709AR AB G860 RBLN-0061TAZY V Balun, BLN-0061TA AD G851 VSKRC1025K-117 V KRC102S AA G850 RBLN-0061TAZY V Balun, BLN-0061TA AD G852 VSKRC1025K-117 V KRC102S AA G850 RBLN-0061TAZY V Balun, BLN-0061TA AD G852 VSKRC1025K-117 V KRC102S AA G852 VSKRC1025K-117 V KRC1025K-117 V K				· ·						
FB8521 RBLN-00777AZZY	FB3518	RBLN-0077TAZZY	V	Balun, BLN-0077TA		Q659		V	KRA104S	AA
FBSS22 RBLN-00777AZZY				· ·						
FBSS23 RBLN-00777AZZY				· ·						
FBSS24 RELN-007TAZZY V Balun, BLN-007TA AB C710 V32PD601AR-11 V ZPD601AR AB RBS601 RBLN-0061TAZZY V Balun, BLN-0061TA AD C711 V32PD601AR-11 V ZPD601AR AB RBS602 RBLN-0061TAZZY V Balun, BLN-0061TA AD C712 V5KRC102S/-11 V KRC102S AA AB RBS604 RBLN-0061TAZZY V Balun, BLN-0061TA AD C850 V32PD601AR-11 V XFC102S AA AB RBS604 RBLN-0061TAZZY V Balun, BLN-0061TA AD C850 V32PD601AR-11 V XFKC102S AA AB RBS701 RBLN-0061TAZZY V Balun, BLN-0061TA AD C850 V5KRC102S/-11 V XFKC102S AA AB RBS702 RBLN-0061TAZZY V Balun, BLN-0061TA AD C850 V5KRC102S/-11 V XFKC102S AA AB AB AB AB AB AB A										
FB8601 RBLN-0661TAZZY V Balun, BLN-0661TA AD C7711 VSZPD601AR-11Y V V V V V V V V V				•						
FB8503 RBLN-0061TAZZY				· ·						
FB8904 RBLN-0061TAZZY V Balun, BLN-0061TA AD AD AD AD CB851 VSKRC102S/I-1Y V KRC102S AA CB83702 RBLN-0061TAZZY V Balun, BLN-0061TA AD CB852 VSKRC102S/I-1Y V KRC102S AA CB83702 RBLN-0061TAZZY V Balun, BLN-0061TA AD CB853 VSKRA103S/I-1Y V KRA103S AA CB85302 RBLN-0061TAZZY V Balun, BLN-0061TA AD CB853 VSKRA103S/I-1Y V KRA103S AA CB85302 RBLN-0061TAZZY V Balun, BLN-0061TA AD CB854 VSZPB709ARI-1-Y V ZPB709AR AB CB854 CB85	FB3602	RBLN-0061TAZZY	VI	Balun, BLN-0061TA		Q712	VSKRC102S//-1Y	V	KRC102S	AA
FB3701 RBLN-0061TAZZY V Balun, BLN-0061TA AD CREATED C				•						
FB3702 RBLN-0061TAZZY V Balun, BLN-0061TA AD CB53 VSKRA103S/-1Y V KRA10SS AA RB3801 RBLN-0061TAZZY V Balun, BLN-0061TA AD CB54 VSKRA103S/-1Y V ZPB709AR AB RB3802 RBLN-0061TAZZY V Balun, BLN-0061TA AD CB59 VSZPB709AR/-1Y V ZPB709AR AB AB RB3802 RBLN-0061TAZZY V Balun, BLN-0061TA AD CB60 VSKRC102S/-1Y V KRC102S AA AB AB AB AB AB AB A				•						
FB3703 BBLN-0061TAZZY V Balun, BLN-0061TA AD Q554 VSKRA103S/-IY V V KRA103S AB FB3802 BBLN-0061TAZZY V Balun, BLN-0061TA AD Q559 VSZPB709AR-Y-IY V VSZPB709AR AB AB RB3802 BBLN-0061TAZZY V Balun, BLN-0061TA AD Q560 VSKRC102S/-IY V VKRC102S AB AB AB AB AB AB AB A				· ·						
FB3801 RBLN-0061TAZZY V Balun, BLN-0061TA AD C860 VSZPB709AR/-17 V 2PB709AR AB RB3802 RBLN-0061TAZY V Balun, BLN-0061TA AD C860 VSZPB001AR/-17 V 5PB709AR AB AB AB AB AB AB AB										
R8639 RBLN-0061TAZZY V Balun, BLN-0061TA AD AD C1901 VS2PC9801AR/-1Y V 2PD601AR LCD Back Light AB AB AB AB AD C1901 VS2PC38524, M 27V AB AB AB AD C1901 VS2PC38524, M 27V AB AB AD C1901 VS2PC34721-V-1 V 2PD601AR LCD Back Light AB AD C1901 VS2PC34721-V-1 V 2PD601AR AD C1901 VS2PC3472-V-1 V 2PD601AR AD C1901 VS2PC3472-V-1 VS2PC34				•						
R8842 RBLN-0061TAZZY V Balun, BLN-0061TA AD C1901 VS2SC3852A.H 27V AH R8805 RBLN-0061TAZY V Balun, BLN-0061TA AD C1904 VSKPC102S/1-Y V KPC102S AA C1905 VSSSA1271-Y-1+ V SA1271-V, PC_5V(3) SW AC R3806 RBLN-0061TAZZY V Balun, BLN-0061TA AD C1907 VS2SA1271-Y-1+ V 2SA1271-V, PC_5V(3) SW AC AC R3810 RBLN-0061TAZZY V Balun, BLN-0061TA AD C1908 VS2SA1271-Y-1+ V 2SA1271-V, PC_5V(3) SW AC AC AC C1908 AC C1908 VS2SA1271-Y-1+ V 2SA1271-V, PC_5V(3) SW AC AC C1908 AC C1908 VS2SA1271-Y-1+ V 2SA1271-V, PC_5V(3) SW AC AC C1908 AC C1908 VS2SA1271-Y-1+ V 2SA1271-V, PC_5V(3) SW AC AC C1908 AC C1908 VS2SA1271-Y-1+ V 2SA1271-V, PC_5V(3) SW AC C1908 VS2SA1271-V-1+ V 2SA1271-V, PC_5V(2) SW AC C1908 VS2SA				· ·						
R8806 RBLN-0061TAZZY V Balun, BLN-0061TA AD C1904 VSKRC102S/-11Y V ZSA1271-Y, PC_5V(3) SW AC R8809 RBLN-0061TAZZY V Balun, BLN-0061TA AD C1905 VS2SA1271-Y-1+ V ZSA1271-Y, PC_5V(3) SW AC AC R8810 RBLN-0061TAZY V Balun, BLN-0061TA AD C1907 VS2SA1271-Y-1+ V ZSA1271-Y, PC_5V(3) SW AC AC AC AC AC AC AC A				· ·						
R8806 RBLN-0061TAZZY V Balun, BLN-0061TA AD C1905 V325A1271-Y-1+ V 25A1271-Y, PC_5V(3) SW AC R3810 RBLN-0061TAZZY V Balun, BLN-0061TA AD C1907 V325A1271-Y-1+ V 25A1271-Y, PC_5V(3) SW AC AC AC AC AC AC AC A				· ·					· —	
R8809 RBLN-0061TAZZY V Balun, BLN-0061TA AD ABB1-0061TAZZY V Plug, BPin AE ABB1-0061TAZZY V Plug, BPin AE ABB1-0061TAZZY V V Plug, BPin AF ABB1-0061TAZZY V V Plug, BPin AF ABB1-0061TAZZY V V Plug, BPin AF ABB1-0061TAZZY V Plug, BPin AF ABB1-00605TAZZY V Plug, BPin AF ABB1-00605TAZZY V Plug, BPin AD ABB1-00605TAZZY V Plug, BPin AD ABB1-00605TAZY V Plug, BPin AC ABB1-00605TAZY V Plug, BPin AC ABB1-00605TAZY V Plug, BPin AC ABB1-00605TAZY V Plug, BPin AD ABB1-00605TAZY V Plug, BPin AD ABB1-00605TAZY V Plug, BPin AF ABB1-00605TAZY V Plug, BPin ABB1-00605TAZY V				· ·						
R8810 RBLN-0061TAZZY V Balun, BLN-0061TA AD AD AD AD AD AD AD				· ·						
MISCELLANEOUS PARTS	R3810	RBLN-0061TAZZY	V	Balun, BLN-0061TA	AD	Q1908	VS2SA1271-Y-1+			AC
CN3201 QPLGN0964TAZZY V Plug, 9Pin AF CN3201 QPLGN0964TAZZY V Plug, 9Pin AF CN3202 QSOCN1136TAZZY V Socket, 11Pin AE CN3201 QSOCN2336TAZZY V Socket, 21Pin AF CN3201 QSOCN2336TAZZY V Socket, 23Pin AF CN3201 QSOCN2336TAZZY V Socket, 23Pin AF CN3201 QSOCN2336TAZZY V Socket, 23Pin AF CN3201 QSOCN2336TAZZY V Plug, 6Pin AD CN3201 QPLGN0664TAZZY V Plug, 6Pin AD CN3202 QPLGN0664TAZZY V Plug, 6Pin AD CN3202 QPLGN0664TAZZY V Plug, 5Pin AC CN3202 QPLGN0	R3813	RBLN-0061TAZZY	V	Balun, BLN-0061TA	AD					
CN3201 QPLGN0964TAZZY V Plug, 9Pin AE CN3202 QSOCN1136TAZZY V Socket, 11Pin AE CN3203 QSOCN1136TAZZY V Socket, 23Pin AF CN3501 QSOCN2336TAZZY V Socket, 23Pin AD CN3501 QPLGN0564TAZZY V Plug, 6Pin AD CN3702 QPLGN0564TAZZY V Plug, 5Pin AC CN3702 QPLGN0564TAZY V P		MICCELLA	NIE	OUE DARTE						
CN3202	CN3201				ΔΕ					
CN3301 QSOCN2336TAZZY V Socket, 23Pin AF CN3501 QSOCN2336TAZZY V Socket, 29Pin AF CN3501 QSOCN2336TAZZY V Socket, 29Pin AF CN3501 QSOCN2336TAZZY V Plug, 6Pin AD CN3702 QPLGN0564TAZZY V Plug, 6Pin AD CN3702 QPLGN0564TAZZY V Plug, 5Pin AC Q6003 VSKRC104S//-1 V V KRC104S AA Q6004 VSKRA103S//-1 V V KRC104S AA Q6004 VSKRA103S//-1 V V KRC104S AA Q6005 VSKRC104S//-1 V V KRC104S AA Q6006 VSKRA103S//-1 V V KRA103S AA Q6006 VSKRA103S//-1 V V KRA103S AA Q6006 VSKRA103S//-1 V V KRA103S AA Q6007 VS2SD1306-E-1 V V SD1306-E AC Q6008 VS2SD1306-E-1 V V SD1306-E AC Q6009 VS2SD1306-E-1 V V SD1306-E AC Q6009 VSKRC104S//-1 V V KRC104S AA Q6010 VSKRC104S//-1 V V KRC104S AA Q6101 VS2PD601AR AB Q6102 VS2PD601AR V V V V V V V V V V V V V V V V V V										
CN3701 OPLGN0664TAZZY V Plug, 6Pin AD CN3702 OPLGN0664TAZZY V Plug, 5Pin AC OROM OR				•		Q1915	VS2SA1015Y/1E+	V	2SA1015Y, PC_40V SW	AB
CN3702 QPLGN0564TAZZY V PIUĞ, 5Pin AC Q6003 VSKRC104S//-1Y V KRC104S AA Q6004 VSKRA103S/-1Y V KRA103S AA Q6005 VSKRC104S//-1Y V KRC104S AA Q6005 VSKRC104S//-1Y V KRC104S AA Q6006 VSKRA103S/-1Y V KRA103S AA Q6007 VSKRC104S/-1Y V KRA103S AA Q6008 VSKRC104S/-1Y V KRA103S AA Q6008 VSKRC104S/-1Y V V KRA103S AA Q6008 VSKRC104S/-1Y V V MRA103S AA Q6008 VSKRC104S/-1Y V V MRA103S AA Q6009 VSKRC104S/-1Y V V MRA103S AA Q6009 VSKRC104S/-1Y V V PSD1306-E AC Q6009 VSKRC104S/-1Y V V PSC014S AA Q6101 VS2PD601AR-1Y V PS				The state of the s						
DUNTKB210TEV4(NC70H)										
DUNTKB210TEV4(NC70H)	CN3702	QPLGN05641 AZZY	VI	Plug, 5Pin	AC					
DUNTKB210TEV5(NC65H)										
DUNTKB210TEV5(NC65H) DUNTKB210TEV7(NC65S) DUNTKB210TEV7(NC65S) Q6008 VS2SD1306-E-1Y V 2SD1306-E AC Q6009 VSKRC104S//-1Y V KRC104S AA Q6010 VSKRC104S//-1Y V KRC104S AA Q6010 VSKRC104S//-1Y V ZPD601AR AB Q6102 VS2PD601AR/-1Y V ZPD601AR AB		DUNTKB21	IOT	EV4(NC70H)		Q6006	VSKRA103S//-1Y	V	KRA103S	AA
TUNER										
TUNER										
TUNER TU101 VTUATMDB2-633 V VHF Tuner(NC65H/NC70H) BD TU101 VTUATMDG2-836 V VHF Tuner(NC65S) BE INTEGRATED CIRCUITS D101 RH-EX0627GEZZY V Zener AA D102 RH-EX0627GEZZY V Zener AB D1901 RH-EX0627GEZZY V Zener AB D19		VCR MA	IN F	PWB UNIT						
TU101 VTUATMDB2-633 V VHF Tuner(NC65H/NC70H) BD VTUATMDB2-836 V VHF Tuner(NC65S) BE NTEGRATED CIRCUITS D100		_								
TU101 VTUATMDG2-836	T114.04				DD			٧	2PD601AR	AB
INTEGRATED CIRCUITS							21022			
IC201	10101	VIOATNIDGE 000	•	viii Tulici(ivooo)	DL	D404				
IC201		INTEGRA ⁻	TEC	CIRCUITS						
IC601	IC201	VHiHA8617F/-1	VΙ	HA8617F,	AX					
IC651		\"\"\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\								
Hifi Audio Processor						D692				
IC701 RH-iXA213WJZZQ V IXA213WJ D706 RH-PX0252GEZZ V PX0252GE, Supply Reel Sensor Supply Reel Sensor Supply Reel Sensor PX0252GE, Takeup Reel Sensor RH-iX1539CEZZY V IX1539CE AE IC2002 V V IXM1501XN-1 V MM1501XN, Dub Video SW AE D710 V V IXS119 AA IC2003 V V IXM1508XN, Comp. Driver AE D712 V V IXS119 AA IC6004 V IXM1501XN V V V V V V V V V	10651	VIIIANSOSTED-T		*	AU					
IC703	IC701	RH-iXA213WJZZQ								
C710					AD	D/06	THE AUCUCUELL	٧		ΔΙ
Takeup Reel Sensor Takeup				· ·		D707	RH-PX0252GEZZ	٧		AF
IC2003 VHiMM1508XN-1Y									Takeup Reel Sensor	
IC6004 VHiNJM4565M-1Y				· · · · · · · · · · · · · · · · · · ·						
TRANSISTORS D731 VHD1SS119/-17 V 1SS119 AA D731 VHD1SS119/-17 V 1SS119 AA D801 VHD1SS119/-17 V 1SS119 AA Q201 VS2PD601AR/-17 V 2PD601AR AB Q251 VS2PB709AR/-17 V 2PB709AR AB D802 RH-EX0634GEZZY V Zener AB D1901 RH-EX0670GEZZY V Zener AB				•						
TRANSISTORS D801 VHD1SS119//-1Y V 1SS119 AA Q201 VS2PD601AR/-1Y V 2PD601AR AB D823 RH-EX0634GEZZY V Zener AB Q251 VS2PB709AR/-1Y V 2PB709AR AB D1901 RH-EX0670GEZZY V Zener AB				,						
Q201 VS2PD601AR/-1Y V 2PD601AR AB D823 RH-EX0634GEZZY V Zener AB Q251 VS2PB709AR/-1Y V 2PB709AR AB D1901 RH-EX0670GEZZY V Zener AB										
AD THE EXCOLOR AND THE EXCOLOR						D823	RH-EX0634GEZZY	٧	Zener	AB
	<u> </u>	VOZI DOUTARI/-TT	V 4	ZI DOUTAIT		ل ————————————————————————————————————	VHD188119//-1Y	٧	192118	AA

Ref. No.	Part No.	*	Description	Code	Ref. No.	Part No.	*		Description	n Code	е
	DUNTKB2	10TE\	/4(NC70H)		C304	VCKYCY1HF103ZS	V	0.01	50V Cera	nic AA	
	DUNTKB2	10TE\	/5(NC65H)		C305	VCKYCY1HF103ZS	-		50V Cera		
	DUNTKB2				C306	VCKYCY1HF103ZS			50V Cera		
	VCR MAIN PV				C307	VCKYCY1HF103ZS			50V Cera		
			`		C308	VCKYCY1HF103ZS			50V Cera		
D1903		V 1S		AA	C309	VCKYCY1HF103ZS			50V Cera		
D1904		V 1S		AA	C310	VCKYCY1HF103ZY			50V Cera		
D1905		V 1S		AA	C311	VCKYCY1HF103ZS			50V Cera		
D1907	VHD1SS119//-1Y RH-EX0631GEZZY	V 1S V Ze		AA AA	C313 C319	VCKYCY1HF103ZS VCCCCY1HH3R0CS			50V Cerai		
D1900		V 1S		AA	C320	VCCCCY1HH3R0CS			50V Cerai		
D1930			1N4003	AA	C326	VCCCCY1HH220JS			50V Cera		
D1971		V Ze		AB	C327	VCCCCY1HH150JS			50V Cera		
D6005	VHD1SS119//-1Y	V 1S	S119	AA	C328	VCCCCY1HH150JS	٧	15p	50V Cera		
D6006		V 1S		AA	C351	VCEA9M0JW476M+			6.3V Elect		
P6101			otoDiode(NC70H)		C352	VCKYCY1CF104ZS			16V Cera		
Q701	RH-PX0233GEZZ		0233GE, Start Sensor		C353	VCKYCY1HF103ZS			50V Cera		
Q702	RH-PX0233GEZZ	V PX	0233GE, End Sensor	AD	C354 C356	VCKYCY1HF103ZS VCCCCY1HH101JS			50V Cerai		
	DVCKV	ED C	IRCUITS		C357	VCKYCY1CB104KS			16V Cera		
X502	RCRSB0232GEZZ+	_		AG	C358	VCKYCY1CB104KS			16V Cerai		
X701	RCRSB0205GEZZ+			AM	C401	VCKYCY1HF103ZS			50V Cera		
X702	RCRSB0138GEZZ			AD	C501	VCEA9M0JW107M+	V	100	6.3V Elect	olytic AB	
			,		C502	VCKYCY1CF104ZS	V	0.1	16V Cera	nic AA	
	COILS AND	TRAI	NSFORMER		C503	VCKYCY1CF104ZS			16V Cera		
L102	VP-CF101K0000Y		aking, 100μH	AB	C504	VCEA9M1HW225M+			50V Elect		
L104	VP-XF100K0000Y	V Pe	aking, 10μH	AB	C505	VCKYCY1EB223KS					
L105	VP-XF100K0000Y		aking, 10μH	AB	C506 C507	VCEA9M1HW474M+ VCKYCY1CF104ZS			50V Elect 16V Cera	olytic AB	
L106	VP-XF100K0000Y		aking, 10μH(NC65S)	AB	C508	VCEA9M1HW475M+			50V Elect		
L107 L201	VP-XF100K0000Y		aking, 10µH(NC65S)	AB	C509	VCKYCY1HF103ZS			50V Cera		
L201	VP-XF181K0000+		aking, 180μΗ C65H/NC70H)	AB	C510	VCCCCY1HH270JS			50V Cera		
L201	VP-XF221K0000+		aking, 220μH(NC65S)	AB	C512	VCKYCY1HF103ZS	٧	0.01	50V Cera	mic AA	
L301	VP-MK101K0000+		aking, 100μH	AB	C513	VCKYCY1HF103ZS			50V Cera		
L304	VP-XF120K0000Y		aking, 12μH	AB	C514	VCKYCY1HF103ZS			50V Cera		
L351	VP-MK101K0000+		aking, 100μH	AB	C515	VCKYCY1HB331KS			50V Cera		
L501	VP-XF560K0000+		aking, 56μH	AB	C516 C517	VCEA9M1HW105M+ VCEA9M1HW335M+			50V Elect 50V Elect	olytic AB	
L502	VP-XF101K0000Y		aking, 100μH	AB	C518	VCKYCY1CB333KS				•	
L503	VP-XF120K0000+		aking, 12μΗ	AB	C519	VCKYCY1CF104ZS			16V Cera		
L602 <u>↑</u> T601	VP-DF221K0000Y RTRNH0098GEZZ		aking, 220μΗ SC. Transformer	AB AE	C521	VCCCCY1HH5R0CS			50V Cera		
<u> </u>	TTTTIVITOOSOGLZZ	v 00	o. Hansionner	AL	C522	VCCCCY1HH120JS	V	12p	50V Cera	nic AA	
	CAF	ACIT	ORS		C602			0.012			
C104	VCKYCY1HF103ZS	V 0.0	1 50V Ceramic	AA	C603	VCEA9M1CW226M+				olytic AB	
C105	VCEA0A0JW477M+	V 47	0 6.3V Electrolytic	AC	C604 C605	VCKYCY1HB102KS					
C106	VCKYPA1HF103Z+			AA	C605	VCEA9M1HW335M+ VCEA9M1CW106M+				olytic AB olytic AB	
C112	VCKYD41HF104ZY			AA	C607	VCEA9M1HW475M+			50V Elect		
C113	VCEA9A1HW105M-		50V Electrolytic	AB	C608	VCEA9M1CW226M+				olytic AB	
C163 C201	VCEA9M1HW475M+ VCEA9M0JW476M-		' 50V Electrolytic 6.3V Electrolytic	AB AB	C610	VCKYCY1CF104ZS			16V Cera	•	
C201	VCKYCY1CF104ZS		,	AA	C611	VCKYCY1CF104ZS			16V Cera		
C203	VCCCCY1HH151JS			AA	C613	VCKYCY1HB682K					
C204	VCKYCY1CF104ZS		•	AA	C617	VCEA9M1CW476M+				olytic AB	
C205	VCCCCY1HH220JS	V 22	p 50V Ceramic	AA	C618 C619	VCKYCY1EB103KS VCKYCY1EB103KS			25V Cerai		
C206	VCKYCY1CF104ZS			AA	C620	VCEA9M1CW106M+			16V Elect		
C207	VCKYCY1CF104ZS			AA	C621	VCQPYA2AA562J+				,	
C208	VCKYCY1CF104ZS			AA	C622	VCKYCY1HB102KS			,		
C209 C210	VCKYCY1CF104ZS VCKYCY1CF104ZS			AA AA	C631	VCCCCY1HH101JS	٧	100p	50V Cera	mic AA	
C211	VCEA9M1HW335M+			AB	C632	VCCCCY1HH101JY			50V Cera		
C212	VCEA9M1CW106M+			AB	C634	VCEA9M1HW475M+				olytic AB	
C213	VCEA9M1HW225M+			AB	C635	VCKYCY1HB221KY			50V Cera		
C214	VCE9EM1HW105M+	V 1	50V Electrolytic	AB	C636	VCKYCY1HB222KS					
C216	VCEA9M1HW105M+		50V Electrolytic	AB	C651 C653	VCEA9M1HW475M+ VCEA9M1CW106M+				olytic AB olytic AB	
C217	VCEA9M0JW476M-		6.3V Electrolytic	AB	C654	VCEA9M1CW106M+				olytic AB	
C218	VCKYCY1CF104ZS			AA AB	C655	VCEA9M1CW106M+				olytic AB	
C219 C220	VCKYCY1CB104KS VCKYCY1CB104KS			AB AB	C656	VCKYCY1EB473KS				•	
C220	VCEA9M1CW106M+		16V Ceramic	AB AB	C657	VCKYCY1EB153KS					
C223	VCKYCY1CF104ZS			AA	C658	VCEA9M0JW336M+			6.3V Elect	•	
C227	VCKYCY1CF104ZS			AA	C660	VCEA9M1HW105M+				olytic AB	
C251	VCKYCY1CF104ZS			AA	C661	VCEA9M1HW475M+				rolytic AB	
C301	VCEA9M0JW476M-			AB	C663 C664	VCEA9M1CW106M+ VCEA9M1CW106M+				olytic AB olytic AB	
C302	VCKYCY1CF104ZS			AA	C665	VCEA9M1CW106M+				olytic AB	
C303	VCKYCY1HF103ZS	v 0.0	1 50V Ceramic	AA			_		- =:-•	, .	

Ref. No.	Part No.	*	Description	Code	Ref. No.	Part No.	*	Description	Code
	DUNTKB2				C798	VCEAKM1CW476M+	V 47	16V Electrolytic	AB
	DUNTKB2				C801	VCCCCY1HH470JS		50V Ceramic	AA
	DUNTKB2				C802 C822	VCCCCY1HH470JS		50V Ceramic	AA AB
	VCR MAIN PV	AR CIVILL	Continuea)		C823	VCEA9A1CW106M+ VCEA9M0JW476M+		16V Electrolytic 6.3V Electrolytic	AB AB
C666	VCKYCY1EB473KS	S V 0.047	25V Ceramic	AB	C862	VCKYCY1HB102KY			AA
C667	VCKYCY1EB153KS			AA	C863	VCKYCY1HB102KY			AA
C668	VCEA9M0JW336M		6.3V Electrolytic	AB	C864	VCKYCY1HB102KY			AA
C670 C671	VCEA9M1HW105M- VCEA9M1CW107M-		50V Electrolytic 16V Electrolytic	AB AB	C947 C952	VCEA0A1CW107M+ VCEA9A0JW227M+		16V Electrolytic 6.3V Electrolytic	AC AB
C673	VCEA9M1CW226M-		16V Electrolytic	AB	C1901			50V Electrolytic	AB
C674	VCKYCY1CF104ZS		16V Ceramic	AA		VCEA9M1CW226M+		16V Electrolytic	AB
C675	VCKYCY1CF104ZS		16V Ceramic	AA		VCEA9M1CW226M+		16V Electrolytic	AB
C676 C677	VCEA9M1CW226M- VCEA9M1CW106M-		16V Electrolytic 16V Electrolytic	AB AB		VCEA9M1CW226M+ VCEA9M1CW106M+		16V Electrolytic 16V Electrolytic	AB AB
C678	VCKYCY1HF103ZS		50V Ceramic	AA	C1971			50V Electrolytic	AB
C679	VCKYCY1CF224ZS		16V Ceramic	AB		VCEA9M1CW106M+		16V Electrolytic	AB
C681	VCKYCY1HF103ZS		50V Ceramic	AA		VCKYCY1CB104KS		16V Ceramic 16V Ceramic	AB
C682 C683	VCKYCY1CF104ZS VCEA9M0JW476M		16V Ceramic 6.3V Electrolytic	AA AB		VCKYCY1CB104KS VCEA9M1CW106M+		16V Ceramic 16V Electrolytic	AB AB
C686	VCKYCY0JF105ZS		6.3V Ceramic	AB		VCKYCY1CB104KS		16V Ceramic	AB
C687	VCKYCY0JF105ZS		6.3V Ceramic	AB		VCEA9M0JW107M+		6.3V Electrolytic	AB
C691	VCEA9M0JW227M		6.3V Electrolytic	AB		VCEA0A0JW477M+		6.3V Electrolytic	AC
C701 C702	VCKYCY1HF103ZS VCEA9M0JW476M		50V Ceramic 6.3V Electrolytic	AA AB	C2026 C6028	VCKYCY1CF104ZS VCEA9M0JW227M+		16V Ceramic 6.3V Electrolytic	AA AB
C702	VCKYCY0JF105ZS		6.3V Ceramic	AB		VCEA9M1CW106M+		16V Electrolytic	AB
C704	VCEA9M0JW476M		6.3V Electrolytic	AB		VCEA9M1CW106M+		16V Electrolytic	AB
C705	VCKYCY1CF104ZS		16V Ceramic	AA		VCEA9M1CW106M+		16V Electrolytic	AB
C706 C707	VCKYCY1CF104ZS VCCCCY1HH120JS		16V Ceramic 50V Ceramic	AA AA		VCEA9M1CW226M+ VCEA9M1CW226M+		16V Electrolytic 16V Electrolytic	AB AB
C708	VCCCCY1HH120J		50V Ceramic	AA		VCKYCY1HB222KS		,	AA
C709	VCCCCY1HH180J		50V Ceramic	AA	C6036	VCKYCY1HB222KS	V 2200	50V Ceramic	AA
C710	VCCCCY1HH180J		50V Ceramic	AA		VCKYCY1HB221KS			AA
C713 C715	VCKYCY1HF103ZS VCCCCY1HH101JS		50V Ceramic 50V Ceramic	AA AA	C6061	VCKYCY1HB221KS VCKYCY1HB221KS		50V Ceramic 50V Ceramic	AA AA
C716	VCKYCY0JB105KY		6.3V Ceramic	AC		VCKYCY1HB221KS		50V Ceramic	AA
C717	VCKYCY0JF105ZS		6.3V Ceramic	AB	C6101	VCKYCY1EB103KS	V 0.01	25V Ceramic	AA
C718	VCKYCY1HF103ZS		50V Ceramic	AA		VCKYCY1EB103KS		25V Ceramic	AA
C721 C722	VCKYCY1EB103KS VCEA9M0JW107M		25V Ceramic 6.3V Electrolytic	AA AB		VCEA9M1CW106M+ VCKYCY1EB103KS		16V Electrolytic 25V Ceramic	AB AA
C723	VCKYCY1EB473KS		•	AB		VCEA9M0JW107M+		6.3V Electrolytic	AB
C724	VCKYCY1EB473K			AB				•	
C725	VCKYCY1HF103ZS		50V Ceramic	AA			SISTORS		
C726 C728	VCKYCY1HB102KS VCKYD41CY103N		50V Ceramic 16V Ceramic	AA AB	RJ1	VRS-CY1JF000JS	V 0 V 0	1/16W Metal Oxide	
C729	VCKYCY1HB222KS			AA	RJ29 RJ201	VRS-CY1JF000JS VRS-CY1JF000JS	V 0	1/16W Metal Oxide 1/16W Metal Oxide	
C730	VCKYCY1EB103KS	S V 0.01		AA		VRS-CY1JF000JS		1/16W Metal Oxide	
C731	VCKYCY1EB103KS		25V Ceramic	AA	RJ203	VRS-CY1JF000JS	V 0	1/16W Metal Oxide	
C732 C733	VCEA9M1CW226M- VCKYCY1HF103ZS		16V Electrolytic 50V Ceramic	AB AA	RJ204	VRS-CY1JF000JS	V 0	1/16W Metal Oxide	
C734	VCKYCY1HB102KS			AA	RJ210 RJ702	VRS-CY1JF000JY VRS-CY1JF000JS	V 0 V 0	1/16W Metal Oxide 1/16W Metal Oxide	
C735	VCKYCY1HF103ZS		50V Ceramic	AA	RJ703	VRS-CY1JF000JS	V 0	1/16W Metal Oxide	
C740	VCKYCY1HB221KS		50V Ceramic	AA	R61	VRS-CY1JF000JS	V 0	1/16W Metal Oxide	
C741 C742	VCKYCY1CF104ZS VCEA9M1CW226M-		16V Ceramic 16V Electrolytic	AA AB	R104	VRS-CY1JF681JS		1/16W Metal Oxide	
C742	VCKYCY1CF104ZS		16V Ceramic	AA	R105 R111	VRS-CY1JF681JS VRD-RA2BE153JY		1/16W Metal Oxide 1/8W Carbon	AA
C744	VCKYCY1HB222KY			AA	R112	VRD-RA2BE153JY		1/8W Carbon	AA
C745	VCKYCY1HB682K			AA	R155	VRD-RA2BE224JY	V 220k		AA
C750 C751	VCEA2A1VW107M VCKYD41CY103N		35V Electrolytic 16V Ceramic	AC AB	R177 R178	VRD-RA2BE101JY VRD-RA2BE101JY		1/8W Carbon 1/8W Carbon	AA AA
C752	VCKYCY1HF103ZS		50V Ceramic	AA	R201	VRS-CY1JF682JS	V 100 V 6.8k		
C754	VCKYD41CY103NY		16V Ceramic	AB	R202	VRS-CY1JF182JS	V 1.8k		
C755	VCKYCY1CF104ZS		16V Ceramic	AA	R203	VRS-CY1JF822JS	V 8.2k		
C760 C781	VCEA9M1CW476M- VCKYCY1HF103ZS		16V Electrolytic 50V Ceramic	AB AA	R207	VRS-CY1JF101JS		1/16W Metal Oxide	
C781	VCKYCY1HF103ZS		50V Ceramic	AA AA	R208 R209	VRS-CY1JF471JS VRS-CY1JF472JS	V 470 V 4.7k	1/16W Metal Oxide 1/16W Metal Oxide	
C783	VCKYCY1HB102KS			AA	R210	VRS-CY1JF102JS		1/16W Metal Oxide	e AA
C784	VCKYCY1HB102KS			AA	R211	VRS-CY1JF153JS	V 15k	1/16W Metal Oxide	e AA
C785 C786	VCKYCY1HF103ZS		50V Ceramic	AA AB	R212	VRS-CY1JF153JS		1/16W Metal Oxide	
C786 C787	VCEA9M1HW105M- VCEA2A0JW477M-		50V Electrolytic 6.3V Electrolytic	AB AC	R241 R252	VRD-RA2BE101JY VRS-CY1JF151JS		1/8W Carbon 1/16W Metal Oxide	AA • AA
C788	VCEA0A0JW338M		6.3V Electrolytic	AD	R253	VRS-CY1JF101JS		1/16W Metal Oxide	
C789	VCEA0A0JW228M		6.3V Electrolytic	AD	R254	VRS-CY1JF183JS	V 18k	1/16W Metal Oxide	e AA
C791 C797	VCKYD41HF104ZY VCEA9M0JW476M		50V Ceramic 6.3V Electrolytic	AA AR	R255	VRS-CY1JF151JS		1/16W Metal Oxide	
	* OLASIVIOU VV47 OIVI	. v +/	5.5 v Liectiolytic	AB	R301	VRS-CY1JF473JS	V 47k	1/16W Metal Oxide	- ^^

Ref. No.	Part No.	★ Descri	ption C	ode	Ref. No.	Part No.	*	Descr	iption	Code
	DUNTKB2	210TEV4(NC70H)		R702	VRD-RA2BE102JY	V 1k	1/8W	Carbon	AA
		210TEV5(NC65H			R702	VRS-CY1JF153JS	V 15		Metal Oxide	
		210TEV7(NC65S			R705	VRS-CY1JF153JS	V 15		Metal Oxide	
		WB UNIT(Contin			R706	VRS-CY1JF564JS		0k 1/16W	Metal Oxide	
		, , ,	,		R708	VRS-CY1JF332JS	V 3.	3k 1/16W	Metal Oxide	AA
R309	VRD-RA2BE222JY	V 2.2k 1/8W		AA	R709	VRS-CY1JF222JS		2k 1/16W	Metal Oxide	
R312	VRD-RA2BE681JY	V 680 1/8W		AA	R711	VRS-CY1JF102JS	V 1k		Metal Oxide	
R313	VRS-CY1JF562JS	V 5.6k 1/16W	Metal Oxide		R713	VRS-CY1JF102JS	V 1k		Metal Oxide	
R314 R351	VRS-CY1JF000JY VRS-CY1JF102JS	V 0 1/16W V 1k 1/16W	Metal Oxide		R714 R715	VRS-CY1JF223JS VRS-CY1JF472JS	V 22	7k 1/16W	Metal Oxide Metal Oxide	
R401	VRS-CY1JF562JS	V 5.6k 1/16W	Metal Oxide		R716	VRS-CY1JF102JS	V 4.		Metal Oxide	
R402	VRD-RA2BE472JY	V 4.7k 1/8W		AA	R717	VRS-CY1JF123JS	V 12		Metal Oxide	
R501	VRS-CY1JF102JS	V 1k 1/16W	Metal Oxide		R718	VRS-CY1JF563JS	V 56	k 1/16W	Metal Oxide	AA
R502	VRS-CY1JF273JS	V 27k 1/16W	Metal Oxide	AA	R719	VRS-CY1JF183JS	V 18		Metal Oxide	AA
R504	VRS-CY1JF221JS	V 220 1/16W	Metal Oxide		R720	VRS-CY1JF103JS	V 10		Metal Oxide	
R505	VRS-CY1JF224JS	V 220k 1/16W	Metal Oxide	AA	R721	VRS-CY1JF223JS	V 22		Metal Oxide	
DE11	VRS-CY1JF472JY	(NC65S)	Motal Ovida	۸ ۸	R722 R724	VRS-CY1JF473JS VRS-CY1JF104JS	V 47	k 1/16W 0k 1/16W	Metal Oxide Metal Oxide	
R511 R512	VRS-CY1JF272JS	V 4.7k 1/16W V 2.7k 1/16W	Metal Oxide		R725	VRS-CY1JF332JS		3k 1/16W	Metal Oxide	
R601	VRS-CY1JF183JS	V 18k 1/16W	Metal Oxide		R726	VRS-CY1JF473JS		k 1/16W	Metal Oxide	
R602	VRS-CY1JF274JS	V 270k 1/16W	Metal Oxide		R727	VRS-CY1JF154JS		0k 1/16W	Metal Oxide	
R603	VRS-CY1JF181J	V 180 1/16W	Metal Oxide	AA	R728	VRS-CY1JF332JS	V 3.	3k 1/16W	Metal Oxide	AA
R604	VRS-CY1JF473JS	V 47k 1/16W	Metal Oxide	AA	R729	VRS-CY1JF101JS	V 10		Metal Oxide	
R605	VRS-CY1JF153JS	V 15k 1/16W	Metal Oxide		R730	VRS-CY1JF101JS	V 10		Metal Oxide	
R606	VRS-CY1JF333JS	V 33k 1/16W	Metal Oxide		R731	VRS-CY1JF473JS	V 47		Metal Oxide	
R609	VRS-CY1JF562JS	V 5.6k 1/16W	Metal Oxide A		R732 R733	VRS-CY1JF154JS VRS-CY1JF105JS	V 15	0k 1/16W 1/16W	Metal Oxide Metal Oxide	
R610 R611	VRS-CY1JF272JS VRS-CY1JF000JS	V 2.7k 1/16W V 0 1/16W	Metal Oxide		R735	VRS-CY1JF104JS		00k 1/16W	Metal Oxide	
R615	VRS-CY1JF000JS	V 0 1/16W	Metal Oxide		R736	VRS-CY1JF822JS		2k 1/16W	Metal Oxide	
R616	VRS-CY1JF183JS	V 18k 1/16W	Metal Oxide		R737	VRS-CY1JF103JS	V 10		Metal Oxide	AA
R619	VRS-CY1JF470JS	V 47 1/16W	Metal Oxide	AA	R738	VRS-CY1JF103JS	V 10	k 1/16W	Metal Oxide	AA
R620	VRS-CY1JF153JS	V 15k 1/16W	Metal Oxide		R739	VRS-CY1JF102JS	V 1k		Metal Oxide	
R621	VRD-RA2EE4R7JY			AA	R741	VRS-CY1JF123JS	V 12		Metal Oxide	
R623	VRD-RA2BE273JY	V 27k 1/8W		AA	R742	VRS-CY1JF223JS VRS-CY1JF563JS	V 22 V 56		Metal Oxide Metal Oxide	
R624 R625	VRS-CY1JF472JS VRS-CY1JF222JS	V 4.7k 1/16W V 2.2k 1/16W	Metal Oxide A		R743 R744	VRS-CY1JF223JS	V 22		Metal Oxide	
R627	VRS-CY1JF392JS	V 3.9k 1/16W	Metal Oxide		R745	VRS-CY1JF102JS	V 1k		Metal Oxide	
R631	VRS-CY1JF000JS	V 0 1/16W	Metal Oxide		R746	VRS-CY1JF182JS		8k 1/16W	Metal Oxide	
R632	VRS-CY1JF104JY	V 100k 1/16W	Metal Oxide		R747	VRS-CY1JF000JS	V 0	1/16W	Metal Oxide	
R633	VRS-CY1JF104JY	V 100k 1/16W	Metal Oxide		R748	VRS-CY1JF681JS	V 68		Metal Oxide	
R634	VRS-CY1JF101JY	V 100 1/16W	Metal Oxide		R750	VRD-RA2BE473JY	V 47		Carbon	AA
R638	VRD-RA2BE473JY	V 47k 1/8W		AA	R751 R752	VRD-RA2BE562JY VRD-RA2BE562JY		6k 1/8W 6k 1/8W	Carbon Carbon	AA AA
R639 R640	VRS-CY1JF333JY VRS-CY1JF682JY	V 33k 1/16W V 6.8k 1/16W	Metal Oxide A		R754	VRD-RA2EE181JY	V 3.		Carbon	AA
R651	VRS-CY1JF473JS	V 47k 1/16W	Metal Oxide		R756	VRD-RA2BE103JY	V 10		Carbon	AA
R652	VRS-CY1JF332JS	V 3.3k 1/16W	Metal Oxide		R760	VRG-SC2EB1R0J+	V 1	1/4W	Fuse Resistor	
R653	VRS-CY1JF393JS	V 39k 1/16W	Metal Oxide	AA	R771	VRS-CY1JF103JS	V 10	k 1/16W	Metal Oxide	AA
R654	VRS-CY1JF392JS	V 3.9k 1/16W	Metal Oxide		R781	VRS-CY1JF103JS	V 10		Metal Oxide	
R655	VRS-CY1JF473JS	V 47k 1/16W	Metal Oxide		R782	VRS-CY1JF103JS	V 10		Metal Oxide	
R656	VRS-CY1JF392JS	V 3.9k 1/16W	Metal Oxide		R783 R784	VRS-CY1JF102JS VRD-RA2BE102JY	V 1k V 1k		Metal Oxide Carbon	AA
R657 R658	VRD-RA2BE222JY VRS-CY1JF562JS	V 2.2k 1/8W V 5.6k 1/16W	Carbon Metal Oxide	ΑΑ ΔΔ	R785	VRD-RA2BE391JY	V 39		Carbon	AA
R659	VRS-CY1JF472JS	V 4.7k 1/16W	Metal Oxide		R786	VRS-CY1JF473JS	V 47		Metal Oxide	
R660	VRS-CY1JF471JS	V 470 1/16W	Metal Oxide		R788	VRS-CY1JF104JS	V 10	0k 1/16W	Metal Oxide	
R661	VRS-CY1JF473JS	V 47k 1/16W	Metal Oxide	AA	R789	VRD-RA2BE391JY	V 39		Carbon	AA
R662	VRS-CY1JF332JS	V 3.3k 1/16W	Metal Oxide		R790	VRS-CY1JF473JS		k 1/16W	Metal Oxide	
R663	VRS-CY1JF393JS	V 39k 1/16W	Metal Oxide		R792	VRS-CY1JF104JS		0k 1/16W	Metal Oxide	
R664	VRS-CY1JF392JS	V 3.9k 1/16W V 47k 1/16W	Metal Oxide		R796 R797	VRD-RM2HD271JY VRD-RA2BE103JY	V 2/		Carbon Carbon	AA AA
R665 R666	VRS-CY1JF473JS VRS-CY1JF392JS	V 3.9k 1/16W	Metal Oxide A		R798	VRD-RA2BE103JY	V 10		Carbon	AA
R667	VRS-CY1JF222JS	V 2.2k 1/16W	Metal Oxide		R799	VRD-RA2BE101JY	V 10		Carbon	AA
R668	VRD-RA2BE562JY			AA	R802	VRS-CY1JF153JS	V 15		Metal Oxide	
R669	VRS-CY1JF472JS	V 4.7k 1/16W	Metal Oxide		R803	VRS-CY1JF153JS	V 15	k 1/16W	Metal Oxide	AA
R670	VRS-CY1JF471JS	V 470 1/16W	Metal Oxide	AA	R805	VRS-CY1JF103JS	V 10		Metal Oxide	
R671	VRD-RA2BE103JY	V 10k 1/8W		AA	R806	VRS-CY1JF103JS	V 10		Metal Oxide	
R672	VRS-CY1JF151JS	V 150 1/16W	Metal Oxide		R811 R812	VRD-RA2BE183JY VRS-CY1JF272JS	V 18	3k 1/8W 7k 1/16W	Carbon Metal Oxide	ΑΑ
R673	VRS-CY1JF151JS	V 150 1/16W	Metal Oxide		R821	VRD-RA2BE183JY	V 2.		Carbon	AA
R676 R678	VRS-CY1JF102JS VRS-CY1JF273JS	V 1k 1/16W V 27k 1/16W	Metal Oxide		R841	VRD-RA2BE221JY	V 10		Carbon	AA
R681	VRS-CY1JF000JS	V 0 1/16W	Metal Oxide		R842	VRD-RA2BE221JY			Carbon	AA
R682	VRS-CY1JF000JS	V 0 1/16W	Metal Oxide		R843	VRD-RA2BE221JY	V 22		Carbon	AA
R685	VRS-CY1JF272JS	V 2.7k 1/16W	Metal Oxide	AA	R844	VRD-RA2BE221JY			Carbon	AA
R686	VRS-CY1JF272JS	V 2.7k 1/16W	Metal Oxide		R853	VRD-RA2BE222JY		2k 1/8W	Carbon	AA
R691	VRD-RA2BE102JY			AA	R855	VRD-RA2BE222JY			Carbon	AA AA
R693	VRS-CY1JF103JS	V 10k 1/16W	Metal Oxide	AA	R856	VRD-RA2BE103JY	v 10	1/011	Carbon	AA
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Ref. No.	Part No.	*	Descri	otion (Code	Ref. No.	Part No.	*	Descript	ion	Code
	DUNTKB2					R7717	VRS-CY1JF101JS	V 100	1/16W M	Metal Oxide	AA
	DUNTKB2 DUNTKB2					R7721	VRS-CY1JF101JS	V 100		Metal Oxide	
	VCR MAIN PW					R7722 R7723	VRS-CY1JF101JS VRS-CY1JF101JS	V 100 V 100		Metal Oxide Metal Oxide	
	VOITIMAINT	D CIVIT	(COIIIII)	ueuj		R7724	VRS-CY1JF101JS	V 100		Metal Oxide	
R857	VRD-RA2BE472JY	V 4.7k		Carbon	AA	R7725	VRS-CY1JF101JS	V 100		Metal Oxide	
R858 R859	VRD-RA2BE103JY VRD-RA2BE103JY	V 10k V 10k	1/8W 1/8W	Carbon Carbon	AA AA	R7726 R7727	VRS-CY1JF101JS VRS-CY1JF101JS	V 100 V 100		Metal Oxide Metal Oxide	
R867	VRD-RA2BE222JY	V 2.2k		Carbon	AA	R7728	VRS-CY1JF101JS	V 100		Metal Oxide	
R1203	VRS-CY1JF750JS	V 75	1/16W	Metal Oxide		R7729	VRS-CY1JF101JS	V 100		letal Oxide	
R1204 R1208	VRS-CY1JF750JS VRS-CY1JF750JS	V 75 V 75	1/16W 1/16W	Metal Oxide Metal Oxide		R7730 R7731	VRS-CY1JF101JS VRS-CY1JF101JS	V 100 V 100		Metal Oxide Metal Oxide	
R1861	VRS-CY1JF473JS	V 75 V 47k	1/16W	Metal Oxide		R7732	VRS-CY1JF101JS	V 100		Metal Oxide	
	VRD-RA2BE472JY	V 4.7k	1/8W	Carbon	AA	R7733	VRS-CY1JF101JS	V 100		Metal Oxide	
	VRD-RA2BE222JY	V 2.2k		Carbon	AA	R7734 R7735	VRD-RA2BE101JY VRD-RA2BE101JY	V 100 V 100		Carbon Carbon	AA AA
R1906 R1907	VRD-RA2BE222JY VRD-RA2BE103JY	V 2.2k V 10k	1/8W	Carbon Carbon	AA AA	R7736	VRS-CY1JF101JS	V 100		Metal Oxide	
	VRD-RA2BE103JY	V 10k	1/8W	Carbon	AA	R7737	VRD-RA2BE101JY	V 100		Carbon	AA
	VRD-RA2BE103JY	V 10k	1/8W	Carbon	AA	R7738	VRS-CY1JF101JS	V 100		Metal Oxide Metal Oxide	
	VRD-RA2BE471JY VRD-RA2BE471JY	V 470 V 470	1/8W 1/8W	Carbon Carbon	AA AA	H//39	VRS-CY1JF101JS	V 100	1/10VV IV	netai Oxide	AA
	VRD-RA2BE222JY	V 2.2k		Carbon	AA		SW	/ITCHE	S		
	VRD-RA2BE222JY	V 2.2k		Carbon	AA	S701	QSW-F0042AJZZ		ch, REC Tip	p SW	AG
R1917 R1918	VRD-RM2HD102JY VRS-CY1JF224JS		1/2W : 1/16W	Carbon Metal Oxide	AA	S704	QSW-RA001WJZZ	V Swit	ch		AF
	VRD-RA2BE103JY		1/8W	Carbon	AA		B/	LUNES	S		
	VRD-RA2BE103JY	V 10k	1/8W	Carbon	AA	FB702	RBLN-0090GEZZY		ın, BLN-009	00GE	AB
	VRS-CY1JF103JS	V 10k	1/16W	Metal Oxide			RBLN-0077TAZZS	V Balu	ın, BLN-007	7TA	AB
	VRS-CY1JF103JS VRS-CY1JF103JS	V 10k V 10k	1/16W 1/16W	Metal Oxide Metal Oxide		FB1203	RBLN-0077TAZZS		ın, BLN-007		AB
R1971	VRD-RM2HD152JY	V 1.5k		Carbon	AA	JA317	RBLN-0090GEZZY	v Baiu	ın, BLN-009	00GE	AB
	VRS-CY1JF000JS	V 0	1/16W	Metal Oxide			MISCELLA	NEOU	S PARTS		
R6001	VRS-CY1JF103JS	V 10k	1/16W	Metal Oxide		CN501	QSOCN2999REZZ		ket, 29Pin		ΑE
R6036	VRS-CY1JF102JS VRS-CY1JF102JS	V 1k V 1k	1/16W 1/16W	Metal Oxide Metal Oxide			QSOCN0895REZZ		ket, 8Pin		AC
	VRS-CY1JF223JS	V 22k	1/16W	Metal Oxide			QSOCN1095REZZ QSOCN1595REZZ		ket, 10Pin ket, 15Pin		AC AD
R6039	VRS-CY1JF223JS	V 22k	1/16W	Metal Oxide		J1201	QSOCD0445AJZZ		ket, 5Pin		AF
	VRS-CY1JF223JS	V 22k	1/16W	Metal Oxide		J1202	QJAKG0093CEZZ	V Jack	k, 14Pin		AH
R6041 R6042	VRS-CY1JF223JS VRS-CY1JF153JS	V 22k V 15k	1/16W 1/16W	Metal Oxide Metal Oxide		J1205	QJAKGA010WJZZ	V Jack			AH
R6043	VRS-CY1JF153JS	V 15k	1/16W	Metal Oxide		P302 P303	QSOCN1899REZZ QSOCN0899REZZ		ket, 18Pin ket, 8Pin		AD
	VRS-CY1JF474JS		1/16W	Metal Oxide		P701	QPLGZ1283GEZZ		, 12Pin		AE
R6045 R6046	VRS-CY1JF474JS VRS-CY1JF153JS		1/16W 1/16W	Metal Oxide Metal Oxide		P7003	QPLGN1278GEZZ		j, 12Pin		AC
R6047	VRS-CY1JF153JS	V 15k	1/16W	Metal Oxide		SC301 SC601	QSOCNA006WJZZ QSOCN0611REN1		ket, 9PIn ket, 6Pin		AD AC
R6048	VRS-CY1JF681JS	V 680	1/16W	Metal Oxide	AA		QSOCZ0293GEZZ		ket, 2Pin		AC
	VRD-RA2BE681JY	V 680	1/8W	Carbon	AA		QSOCN1995REZZ	V Soci	ket, 19Pin		AD
R6050 R6051	VRS-CY1JF473JS VRS-CY1JF473JS	V 47k V 47k	1/16W 1/16W	Metal Oxide Metal Oxide			QSOCN1995REZZ		ket, 19Pin		AD
	VRS-CY1JF272JS		1/16W	Metal Oxide		TP201 W851	QPLGN0447REZZ LHLDZ2185AJ00	V Plug V Hold	•		AA AB
	VRS-CY1JF272JS		1/16W	Metal Oxide		W852	LHLDZ2185AJ00	V Hold			AB
	VRS-CY1JF000JS VRS-CY1JF272JS	V 0	1/16W 1/16W	Metal Oxide Metal Oxide							
	VRD-RM2HD101JY		1/10W	Carbon	AA		DUNT	/D 0707	CEV/4		
R6104	VRD-RA2BE151JY	V 150	1/8W	Carbon	AA		TERMIN	KB3727			
	VRD-RA2BE103JY	V 10k	1/8W	Carbon	AA			ALFW	D UNIT		
	VRS-CY1JF681JS VRS-CY1JF222JS	V 680 V 22k	1/16W 1/16W	Metal Oxide Metal Oxide			INTEGRA	TED CI	RCUITS		
	VRS-CY1JF103JS	V 10k	1/16W	Metal Oxide		IC1701	VHiMSP3417G-1Q		3417G, MPX	(Decoder	AY
	VRS-CY1JF000JS	V 0	1/16W	Metal Oxide			VHILC74793J1EY		4793J, VPS		AV
	VRS-CY1JF000JS VRS-CY1JF000JS	V 0 V 0	1/16W 1/16W	Metal Oxide Metal Oxide			VHiLA73024V-1Y VHiMM1506XN-1Y		3024V, Sele 1506XN, R		AD
	VRS-CY1JF101JS	V 100	1/16W	Metal Oxide			VHiMM1506XN-1Y		1506XN, G		AD
	VRS-CY1JF101JS	V 100	1/16W	Metal Oxide		IC2504	VHiMM1506XN-1Y	V MM	1506XN, B		AD
	VRD-RA2BE101JY	V 100	1/8W	Carbon	AA		VHiPQ30RV11-1		80RV11	E. Driver	AF
	VRD-RA2BE101JY VRD-RA2BE101JY	V 100 V 100	1/8W 1/8W	Carbon Carbon	AA AA		VHiMM1567AJ-1Y VHiMM1113XF1EY		1567AJ, LPI 113XF, Com		AM AE
	VRS-CY1JF101JS	V 100	1/16W	Metal Oxide			VHiMM1505XN-1Y		1505XN, C	•	
R7710	VRS-CY1JF101JS	V 100	1/16W	Metal Oxide	AA		VHiMM1508XN-1Y		1508XN, Y I		AE
	VRS-CY1JF101JS	V 100	1/16W	Metal Oxide			TDAI	NSISTO	NDC		
	VRS-CY1JF101JS VRS-CY1JF101JS	V 100 V 100	1/16W 1/16W	Metal Oxide Metal Oxide		Ω1701	VS2PB709AR/-1Y	۷5151 کا 2PB			AB
	VRS-CY1JF101JS	V 100	1/16W	Metal Oxide			VSKRC104S//-1Y	V ZFB			AA
R7715	VRS-CY1JF101JS	V 100	1/16W	Metal Oxide		Q2301	VSKRC104S//-1Y	V KRC	C104S		AA
R7716	VRS-CY1JF101JS	V 100	1/16W	Metal Oxide	AA	Q2302	VSKRC104S//-1Y	V KRC	2104S		AA
				·				·	·	·	_

Ref. No.	Part No.	*	Description	Code	Ref. No.	Part No.	*		Descrip	ption	Code
			372TEV1		C1804	VCEA9M1HW475M+	٧	4.7	50V E	Electrolytic	AB
	TERMINAL PW	/B I	JNIT(Continued)		C1805	VCEA9A1HW105M+	V	1	50V E	Electrolytic	AB
						VCEA9M1HW105M+			50V E	Electrolytic	AB
Q2305	VSKRA102S//-1Y	V	KRA102S	AA	C1807	VCKYD41CY103NY	٧	0.01		Ceramic	AB
	VSKRC104S//-1Y		KRC104S	AA		VCEA9M0JW476M+				Electrolytic	AB
	VS2PD601AR/-1Y		2PD601AR	AB		VCKYD41CY103NY				Ceramic	AB
	VSKRC104S//-1Y		KRC104S	AA		VCEA9M1CW106M+				Electrolytic	AB
	VS2PD601AR/-1Y		2PD601AR	AB		VCEA9M1CW106M+				Electrolytic	AB
	VS2PD601AR/-1Y		2PD601AR	AB	C2503	VCEA9M1HW105M+	٧	1		Electrolytic	AB
	VS2PD601AR/-1Y		2PD601AR	AB		VCEA9M1CW106M+				Electrolytic	AB
	VS2PB709AR/-1Y		2PB709AR	AB		VCEA9M1CW106M+				Electrolytic	AB
	VS2PB709AR/-1Y		2PB709AR	AB		VCEA9M1HW105M+				Electrolytic	AB
	VS2PB709AR/-1Y		2PB709AR	AB		VCEA9M1CW106M+				Electrolytic	AB
	VS2PB709AR/-1Y		2PB709AR	AB		VCEA9M1CW106M+				Electrolytic	AB
	VS2PB709AR/-1Y VS2PB709AR/-1Y		2PB709AR	AB		VCEA9M1HW105M+ VCEA9M1HW105M+				Electrolytic	AB
Q2901	V32FD/U9AN/-11	V	2PB709AR	AB	C2510	VCEA9M1HW105M+	V V	1		Electrolytic Electrolytic	AB AB
	D	ını	DES			VCEA0A1CW337M+				Electrolytic	AC
D1701				AB		VCKYCY1CF104ZY				Ceramic	AA
D1701			1SS119	AA		VCKYCY1CF104ZY				Ceramic	AA
D2507	RH-EX0627GEZZY			AA		VCEA0A0JW477M+				Electrolytic	AC
D2505	RH-EX0646GEZZY			AA		VCEA9M1CW106M+				Electrolytic	AB
D2506	RH-EX0627GEZZY			AA		VCEA9M1CW106M+				Electrolytic	AB
D2507	RH-EX0646GEZZY			AA		VCKYD41CY103NY				Ceramic	AB
D2508	RH-EX0646GEZZY			AA		VCKYCY1HF103ZY				Ceramic	AA
D2509	RH-EX0646GEZZY			AA		VCEA9M1CW106M+				Electrolytic	AB
D2510				AA		VCEA9M1CW106M+			16V E	Electrolytic	AB
D2511	RH-EX0646GEZZY			AA	C2530	VCKYCY1CF104ZY	٧	0.1	16V C	Ceramic	AA
D2512	RH-EX0646GEZZY			AA		VCEA9M0JW227M+	٧	220	6.3V E	Electrolytic	AB
D2513	RH-EX0627GEZZY	V	Zener	AA			٧		10V E	Electrolytic	AB
D2514				AA		VCEA9M1CW106M+				Electrolytic	AB
	RH-EX0627GEZZY			AA		VCKYCY1CF104ZY				Ceramic	AA
D2517				AA			٧			Electrolytic	AB
D2518	RH-EX0646GEZZY			AA		VCEA9M1CW106M+				Electrolytic	AB
D2519				AA		VCCCCY1HH101JY				Ceramic	AA
D2520	RH-EX0646GEZZY			AA		VCCCCY1HH101JY				Ceramic	AA
D2521	RH-EX0627GEZZY			AA		VCCCCY1HH101JY				Ceramic	AA
	RH-EX0627GEZZY			AA		VCCCCY1HH101JY				Ceramic	AA
	RH-EX0627GEZZY			AA		VCCCCY1HH101JY VCCCCY1HH101JY				Ceramic Ceramic	AA AA
D2527	RH-EX0627GEZZY			AA		VCCCCY1HH101JY				Deramic Deramic	AA
D2528	RH-EX0627GEZZY RH-EX0627GEZZY			AA AA		VCCCCY1HH101JY				Deramic Deramic	AA
D2372	NH-EXU02/GEZZT	V	Zeriei	AA		VCCCCY1HH101JY				Ceramic	AA
	DVCKV	GE!	CIRCUIT			VCCCCY1HH101JY				Ceramic	AA
¥1701	RCRSB0249GEZZ+			AF			V			Electrolytic	AB
X1701	TIOTIODUZ49GLZZ4	٧	Orystal, 10.432111112	ΛI	C2561					Electrolytic	AB
	(COI	ıs		C2562	VCEA9M0JW227M+				Electrolytic	AB
L1703	VP-XF100J0000Y		Peaking, 10μH	AB	C2563	VCKYCY1CF104ZY	٧	0.1	16V C	Ceramic	AA
L1703	VP-XF100J0000Y		Peaking, 10μH	AB	C2591	VCEA9M1HW105M+	٧	1	50V E	Electrolytic	AB
L2701	VP-XF470K0000Y		Peaking, 47μH	AB	C2592	VCKYCY1HF103ZY	٧	0.01	50V C	Ceramic	AA
22701	71 711 1701100001	٠	τ σαιτίτης, τη μετ	, ,,,		VCEA9M1HW105M+			50V E	Electrolytic	AB
	CAP	AC	ITORS			VCEA9M1HW105M+				Electrolytic	AB
C1701	VCCSD41HL220JY			AM		VCEA9M1HW105M+				Electrolytic	AB
	VCCCD41HH470JY		•	AB		VCEA9M1HW105M+				Electrolytic	AB
	VCKYCY1HF103ZY			AA		VCEA9M1HW105M+				Electrolytic Ceramic	AB
C1705	VCEA9M1CW106M+	V	10 16V Electrolytic	AB		VCKYCY1EB103KY					AA
C1706	VCKYCY1HF103ZY	V	0.01 50V Ceramic	AA		VCEA9M0JW107M+ VCEA9M0JW476M+				Electrolytic	AB
C1707	VCEA9M1CW106M+	٧	10 16V Electrolytic	AB		VCKYD41HF104ZY				Electrolytic Ceramic	AB AA
C1708	VCEA9M1CW226M+	٧	22 16V Electrolytic	AB			v			Electrolytic	AB
	VCEA9M1CW226M+		,	AB		VCEA9M1CW106M+				Electrolytic	AB
	VCCCCY1HH5R0CY		•	AA		VCKYCY1HF103ZY				Ceramic	AA
	VCCCCY1HH6R0DY		•	AA		VCEA9M1CW106M+				Electrolytic	AB
	VCKYCY1HF103ZY			AA		VCEA9M0JW227M+				Electrolytic	AB
	VCKYCY1HF103ZY			AA		VCKYCY1CF104ZY				Ceramic	AA
	VCEA9M1HW105M+		,	AB		VCKYCY1HF103ZY				Ceramic	AA
	VCKYCY1HF103ZY			AA AB		VCKYD41CY103NY				Ceramic	AB
	VCCCCV1HH470IV		,	AB AA		VCEA0A0JW477M+			6.3V E	Electrolytic	AC
	VCCCCY1HH470JY VCEA9M1CW106M+			AA AB	C2753	VCKYCY1HF103ZY	٧	0.01	50V C	Ceramic	AA
	VCEA9M1CW106M+		,	AB AB	C2758	VCEA9M0JW227M+	٧	220	6.3V E	Electrolytic	AB
	VCEA9M1CW106M+		,	AB							
	VCKYCY1HB122KY		,	AA		RES	SIS	TORS	3		
			1200p 50V Ceramic	AA	RJ1	VRS-CY1JF000JY	٧			Metal Oxide	
			330p 50V Ceramic	AA	RJ2	VRS-CY1JF000JY	٧		1/16W	Metal Oxide	
_	VCQYTA1HM563J+			AB	RJ3	VRS-CY1JF000JY	V	0	1/16W	Metal Oxide	AA
			·								

Ref. No.	Part No.	*	Description	on (Code	Ref. No.	Part No.	*		Descri	iption	Code
		KB372T				R2901	VRD-RA2EE331JY			1/4W	Carbon	
	TERMINAL PW	B UNIT	(Continue	ed)						1/8W	Carbon	AA
RJ4	VRS-CY1JF000JY	V 0	1/16W Me	etal Oxide	ΔΔ		VRS-CY1JF153JY			1/16W	Metal Oxide	
RJ5	VRS-CY1JF000JY	V 0		etal Oxide			VRD-RA2BE821JY VRS-CY1JF472JY			1/8W 1/16W	Carbon Metal Oxide	ΑΑ
RJ6	VRS-CY1JF000JY	V 0		etal Oxide		112303	V110-011014/201	٧	4.7K	1/1000	Wetai Oxide	
RJ7	VRS-CY1JF000JY	V 0	1/16W Me	etal Oxide	AA		S	WI	ГСН			
RJ8	VRS-CY1JF000JY	V 0		etal Oxide		S2501	QSW-S0259GEZZ	٧	Switch	า		AD
R1703		V 47k		arbon	AA							
R1710 R1711	VRD-RA2BE101JY VRD-RA2BE101JY	V 100 V 100		arbon arbon	AA AA				JNES			
R1714		V 100		etal Oxide			RBLN-0077TAZZY			, BLN-0		AB
	VRS-CY1JF103JY	V 10k		etal Oxide			RBLN-0077TAZZY RBLN-0077TAZZY			, BLN-0 , BLN-0		AB AB
R1723	VRS-CY1JF103JY	V 10k	1/16W Me	etal Oxide	AA		RBLN-0077TAZZY			, BLN-0 , BLN-0		AB
	VRD-RM2HD221JY			arbon	AA		RBLN-0077TAZZY			, BLN-0		AB
R1749		V 33k		etal Oxide		FB2508	RBLN-0076TAZZY			, BLN-0		AC
R1750	VRS-CY1JF104JY VRS-CY1JF103JY	V 100k V 10k		etal Oxide etal Oxide			RBLN-0077TAZZY			, BLN-0		AB
	VRS-CY1JF272JY	V 2.7k		etal Oxide			RBLN-0077TAZZY			, BLN-0		AB
R1808	VRS-CY1JF562JY	V 5.6k		etal Oxide			RBLN-0077TAZZY RBLN-0077TAZZY			, BLN-0 , BLN-0		AB AB
R1810	VRS-CY1JF103JY	V 10k	1/16W Me	etal Oxide	AA		RBLN-0077TAZZY			, BLN-0 , BLN-0		AB
R2008		V 2.7k		etal Oxide			RBLN-0076TAZZY			, BLN-0		AC
	VRS-CY1JF103JY	V 10k		etal Oxide						,		
R2238	VRS-CY1JF103JY VRS-CY1JF102JY	V 10k V 1k		etal Oxide etal Oxide			MISCELLA					
R2301	VRD-RA2BE102JY	V 1k		arbon	AA		QSOCN1199REZZ			et, 11Pir		AD
R2341		V 1k		etal Oxide			QSOCZ4297UMZZ			et, 42Pir	า	AH
R2342		V 75	1/4W Ca	arbon	AA		QSOCN0899REZZ QSOCN1899REZZ			et, 8Pin et, 18Pir	,	AD
R2501		V 12k		etal Oxide			QSOCN1995REZZ			et, 19Pir		AD
R2502		V 12k		etal Oxide			QSOCN1995REZZ	v	Socke	et, 19Pir	1	AD
R2503 R2505	VRD-RA2BE750JY	V 75 V 820		arbon arbon	AA AA					, -		
	VRD-RA2BE821JY VRD-RA2BE821JY	V 820 V 820		arbon	AA							
R2507		V 12k		etal Oxide			DUNT					
R2508		V 12k		etal Oxide			DVD OPER	ATI(ON P	WB UN	IIT	
R2509	VRS-CY1JF821JY	V 820	1/16W Me	etal Oxide	AA		- n	<u> </u>	43/0			
	VRS-CY1JF821JY	V 820		etal Oxide		I OD0000			_AYS			A N I
R2511	VRD-RA2BE750JY	V 75		arbon	AA		RLCDD0005GEZZ RLCDDA006WJZZ		Displa Displa	,		AN AM
R2512	VRD-RA2BE750JY VRD-RA2BE750JY	V 75 V 75		arbon arbon	AA AA	LODOUSE	TILODDAGGOVOZZ	٧	Dispic	Ly		Aivi
	VRD-RA2BE750JY	V 75		arbon	AA		INTEGRA	TE	D CIR	CUITS	3	
R2515		V 75		arbon	AA	IC8002	VHiPT6596++-1Q	٧	PT659	96++, L	CD Driver	AM
	VRD-RA2BE123JY	V 12k		arbon	AA	IC8051	VHiPT6596++-1Q	٧	PT659	96++, L	CD Driver	AM
R2523		V 12k		arbon	AA		TD		IOTO	_		
R2544 R2545		V 100 V 47		etal Oxide arbon	AA	00050	VSKRC102S//-1Y	_	ISTO KRC1			A A
	VRS-CY1JF681JY			etal Oxide		Q8050	VSKHC1025//-11	٧	KHUI	025		AA
	VRD-RA2BE750JY				AA		Г	OIC	DES			
	VRS-CY1JF101JY			etal Oxide		D8001	RH-PXA008WJZZ+			Diode. I	B/L LED	AF
R2552		V 47		arbon	AA	D8002	RH-PXA008WJZZ+				B/L LED	AF
R2553		V 680		etal Oxide			RH-PX0297GEZZ+	٧	Photo	Diode, I	DVD LED	AD
R2554 R2556	VRD-RA2BE750JY VRS-CY1JF102JY	V 75 V 1k		arbon etal Oxide	AA	D8006	RH-PXA008WJZZ+				VCR LED	AF
R2558	VRS-CY1JF101JY	V 100		etal Oxide		D8007	RH-PX0297GEZZ+ RH-PX0449AJZZ+				DVD LED	AD
R2563		V 47		arbon	AA	D8051 D8053	RH-PX0449AJZZ+			,	Timer LED Dub LED	AC AC
R2564	VRS-CY1JF681JY	V 680	1/16W Me	etal Oxide	AA	D8054	RH-PXA021WJZZ+					AD
R2565		V 75		arbon	AA		RH-PXA021WJZZ+			,		AD
R2570	VRD-RA2BE750JY	V 75		arbon	AA		RH-PXA021WJZZ+					AD
R2591 R2592	VRS-CY1JF103JY VRS-CY1JF122JY	V 10k V 1.2k		etal Oxide etal Oxide		D8057	RH-PXA021WJZZ+	٧	Photo	Diode, I	B/L LED	AD
	VRS-CY1JF473JY	V 1.2k V 47k		etal Oxide			CAF		ITOD	_		
R2701	VRS-CY1JF272JY	V 2.7k		etal Oxide		C0001			ITOR		Caramia	A A
	VRS-CY1JF272JY	V 2.7k		etal Oxide			VCKYCY1HF103ZY VCKYCY1HF103ZY				Ceramic Ceramic	AA AA
R2704		V 2.7k		etal Oxide			VCKYCY1HF103ZY				Ceramic	AA
	VRS-CY1JF272JY	V 2.7k		etal Oxide			VCEA9M1CW106M+				Electrolytic	AB
R2706	VRS-CY1JF272JY	V 2.7k		etal Oxide		C8005	VCEA9M1CW106M+	٠ ٧	10	16V I	Electrolytic	AB
R2710 R2711	VRS-CY1JF272JY VRS-CY1JF272JY	V 2.7k V 2.7k		etal Oxide etal Oxide			VCKYCY1HF103ZY				Ceramic	AA
	VRS-CY1JF272JY	V 2.7k		etal Oxide			VCCCCY1HH101JY				Ceramic Coromio	AA
R2714		V 2.7k		etal Oxide			VCCCCY1HH100DY		•		Ceramic Ceramic	AA AA
R2715	VRS-CY1JF272JY	V 2.7k	1/16W Me	etal Oxide	AA		VCKYCY1HB102KY					AA
	VRS-CY1JF272JY	V 2.7k		etal Oxide			VCKYCY1HF103ZY				Ceramic	AA
_	VRS-CY1JF272JY	V 2.7k		etal Oxide			VCKYCY1HF103ZY				Ceramic	AA
R2719 R2721	VRS-CY1JF272JY VRS-CY1JF272JY	V 2.7k V 2.7k		etal Oxide etal Oxide			VCKYCY1HF103ZY				Ceramic	AA
	31 101 27201	· L./K	.,	J.G. OAIG		C8054	VCEA9M1CW106M+	· V	10	16V I	Electrolytic	AB

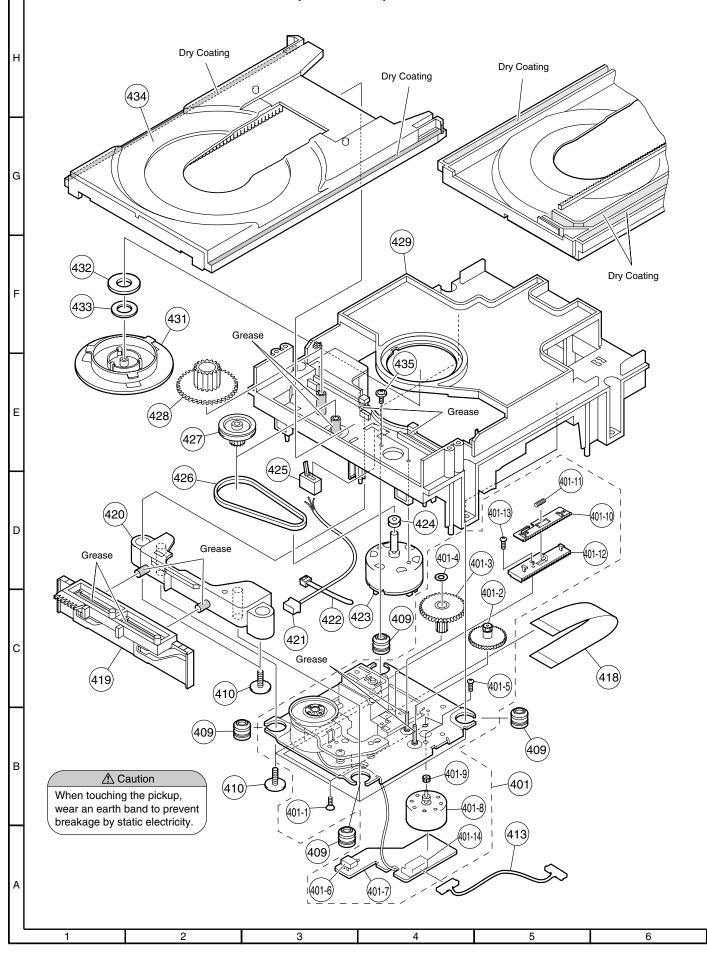
Ref. No.	Part No.	*	Description	Code	Ref. No.	Part No.	*	Description	Code
		KB374T				MISCELL	ANE	OUS PARTS	
	DVD OPERATION	PWB U	NIT(Continued)		CN8001	QSOCN0895REZZ	V :	Socket, 8Pin	AC
00055	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	V 0 04	50V Oi-	A A	J8001	QJAKE0190CEZZ	٧,	Jack, 3Pin	ΑE
	VCKYCY1HF103ZY VCKYCY1HB102KY			AA AA	J8002			Jack, 3Pin	AE
	VCKYCY1HB102KY			AA	J8003	QJAKE0180CEZZ	٧,	Jack, 3Pin	AE
	VCKYCY1HB102KY		•	AA					
	VCKYCY1HB102KY		•	AA		DUNT	КВЗ	76TEV1	
	DEC	SISTOR	•					WB UNIT	
B.1801	VRS-CY1JF000JY	V 0	ح 1/16W Metal Oxide	АА		NITTO D		ALD ALLIES	
	VRS-CY1JF000JY	V 0	1/16W Metal Oxide		10000			O CIRCUITS	4.0
RJ805	VRS-CY1JF000JY	V 0	1/16W Metal Oxide	AA	IC903 IC908	VHiMM1431AT-1+ VHiPQ30RV11-1		MM1431AT PQ30RV11	AD AF
	VRS-CY1JF473JY	V 47k			IC908	VHiPQ15RW11-1		PQ15RW11	AG
	VRD-RA2BE391JY			AA	IC911	VHiKA7808AP-1		KA7808AP	AE
	VRS-CY1JF472JY VRS-CY1JF472JY	V 4.7k V 4.7k							
	VRS-CY1JF472JY	V 4.7k						STORS	
R8008	VRD-RA2BE101JY	V 100		AA	⚠ Q901	VS2SK2848//-1		2SK2848	AH
	VRD-RA2BE271JY		1/8W Carbon	AA	Q902 Q904	VS2SC3576AC-1+ VS2PD601AR/-1Y		2SC3576AC 2PD601AR	AC AB
	VRD-RA2BE471JY			AA	Q904 Q933	VS2SB1443TV1E+		2SB1443TV, PC_10V SW	AE AE
	VRD-RA2BE271JY		1/8W Carbon	AA	Q934	VSKRC102S//-1Y		KRC102S	AA
	VRS-CY1JF472JY VRS-CY1JF472JY	V 4.7k V 4.7k			Q935	VS2SB1443TV1E+		2SB1443TV, DVD_1.8V SW	
	VRS-CY1JF472JY	V 4.7k			Q936	VSKRC102S//-1Y		KRC102S	AA
	VRS-CY1JF473JY	V 47k			Q937	VS2SB1443TV1E+		2SB1443TV, DVD_3.3V SW	
	VRD-RA2EE181JY	V 180		AA	Q938	VSKRC102S//-1Y		KRC102S	AA AC
	VRD-RA2EE181JY	V 180		AA	Q939 Q940	VS2SA1271-Y-1+ VSKRC103S//-1Y		2SA1271-Y, DVD D_5V SW KRC103S	AA
R8062	VRS-CY1JF000JY	V 0	1/16W Metal Oxide	AA	Q941	VS2SA1271-Y-1+		2SA1271-Y, DVD PC 5V SW	AC
	SW	ITCHES	3		Q942	VSKRC103S//-1Y		KRC103S	AA
SW8051	QSW-K0003AJZZ+			AB		DIODE		ID I EDIO	
		V Switc		AB	A D001			ND LED'S	40
		V Switc		AB	⚠ D901 ⚠ D902	VHDRL1N4005-1Y VHDRL1N4005-1Y		RL1N4005 RL1N4005	AC AC
SW8054	QSW-K0003AJZZ+	V Switc	n, VCR/DVD	AB	⚠ D903	VHDRL1N4005-1Y		RL1N4005	AC
	MISCELLA	NEOUS	PARTS		<u> </u> № D904	VHDRL1N4005-1Y		RL1N4005	AC
CN8052	QSOCN1095REZZ			AC	<u> </u>	RH-EX0617GEZZY			AA
			et, 15Pin	AD	D907 D909	VHD1SS119//-1Y RH-EX0646GEZZY		1SS119 Zopor 15V	AA AA
RMC8001	RRMCU0233CEZZ	V Remo	ote Receiver	AF	D909	VHD10ELS4//-1Y		10ELS4	AD
					D913	VHD1SS119//-1Y		1SS119	AA
	DUNTA	KB375T	EV1		D914	RH-EX0613GEZZY	V	Zener, 5.1V	AB
	VCR OPERA				D921	VHDFR154GL+1E		FR154GL+	AC
	VOIT OF EIT	1110111	WB OINT		D922 D923	VHD15DF1FC/1E VHD15DF1FC/1E		15DF1FC 15DF1FC	AD AD
	CAP	ACITOF	RS		D923	VHDSB240L++1E		SB240L++	AD
C8031	VCKYD41HB331KY	V 330p	50V Ceramic	AA	D926	RH-DX0436CEZZ		DX0436CE	AG
C8032	VCKYD41HB331KY	V 330p	50V Ceramic	AA	D929	VHD10ELS4//-1Y	٧.	10ELS4	AD
	DEC	CICTOR	•		D931	VHD1SS119//-1Y		1SS119	AA
D0011		SISTORS V 2.7k		۸۸	D932 D933	VHD1SS119//-1Y		1SS119	AA
	VRS-CY1JF332JY	V 2.7k V 3.3k			D933 D934	VHD1SS119//-1Y VHD1SS119//-1Y		1SS119 1SS119	AA AA
	VRS-CY1JF332JY	V 3.3k			D935	VHD1SS119//-1Y		1SS119	AA
R8015	VRS-CY1JF472JY	V 4.7k	1/16W Metal Oxide	AA	D936	RH-EX0649GEZZY		Zener	AB
	VRS-CY1JF472JY		1/16W Metal Oxide		D956	RH-EX0677GEZZY			AC
	VRS-CY1JF822JY VRS-CY1JF822JY	V 8.2k V 8.2k			<u>↑</u> IC901	RH-FXA003WJZZ		FXA003WJ FXA003WJ	AD
	VRS-CY1JF103JY	V 0.2k			<u> </u>	RH-FXA003WJZZ	V	LVA002441	AD
	VRD-RA2BE223JY	V 22k		AA		COILS AND	TR	ANSFORMER	
		V 56k	1/8W Carbon	AA	<u> </u>	RCiLF0275GEZZ		Coil, CiLF0275GE	AF
R8026	VRS-CY1JF750JY	V 75	1/16W Metal Oxide	AA	L922	RCiLP0147GEZZ+	V (Coil, 10μH	AC
	_				L925	RCiLP0175CEZZ+		Coil, 22µH	AD
EB0001	RBLN-0077TAZZY	SALUN V Balur	n RI N-0077TA	AB	<u> </u>	RTRNWA050WJZZ	U .	I ransformer	AN
ו ניוסט ו	TIDEIN-OUT LINEAL	v Daiul	i, DLIN-00// IA	ΛD		CAI	PACI	TORS	
		ITCHES			⚠ C901	RC-FZ082CGEZZ	V (AD
	QSW-K0003AJZZ+		· •	AB	<u></u> €902	RC-FZ082CGEZZ	V (0.1 250V Film	AD
	QSW-K0003AJZZ+			AB	<u> </u>	RC-KZ0105GEZZ		2200p 250V Ceramic	AD
	QSW-K0003AJZZ+ QSW-K0003AJZZ+		·	AB AB	<u>↑</u> C904	RC-EZ0437GEZZ	V	,	AK AA
	QSW-K0003AJZZ+		·	AB AB	<u> </u>	VCQYTA1HM222J- VCQYTA1HM562K-			AA AB
	QSW-K0003AJZZ+			AB	<u> </u>	VCEA9M1HW475M4			AB
	QSW-K0003AJZZ+		·	AB		RC-KZ0112CEZZ	٧ .	100p 2kV Ceramić	AB
					<u> </u>	RC-KZ0102GEZZ	V (680p 250V Ceramic	ΑE

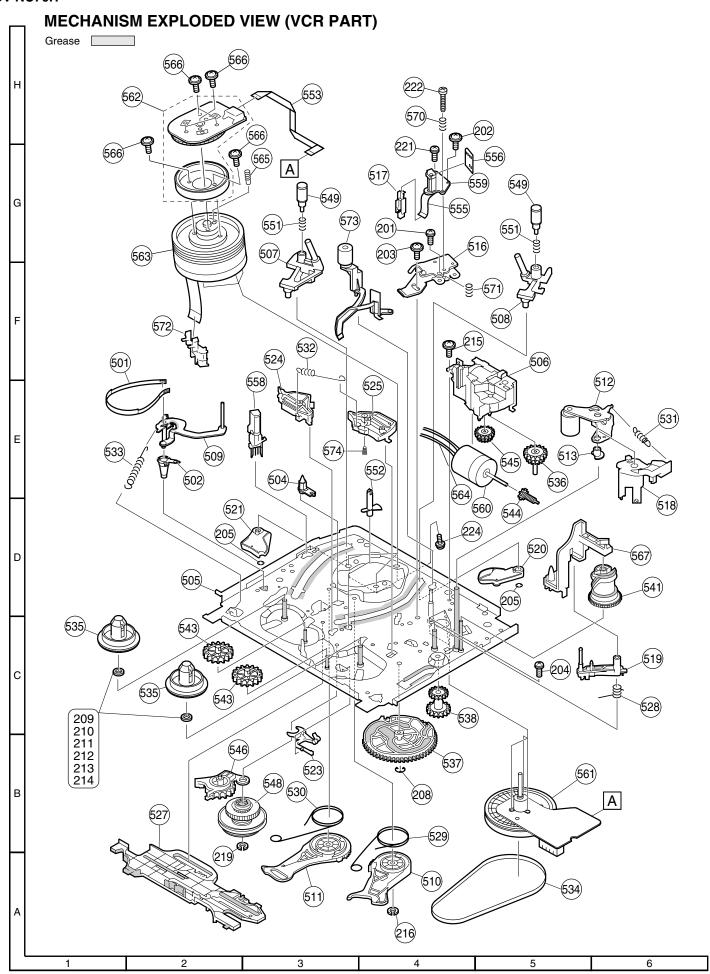
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	Ref. No.	Part No.	★ Des	scription	Code R	ef. No.	Part No.	*	Description	Code
			KB376TEV1				MISCELLA	٩N	EOUS PARTS	
ı		POWER PWE	3 UNIT(Cont	inued)		CN201	QPLGN0978GEZZ	٧	Plug, 9Pin	AC
_	↑ C915	RC-KZ0102GEZZ	V 680p 250	V Ceramic		F901	QFS-C2025CEZZ		Fuse, 250V/2A	AD
Z	C921	VCEA0A1HW477M+			٠٠ ښ	FH901	QFSHD1017CEZZ+ QFSHD1018CEZZ+			AC AC
	C922	VCEA0A1EW108M+		•	۸۵ ك	P901	QPLGN0269GEZZ		Plug, 2Pin	AB
	C923	VCEA0A1CW108M+		,	AD	P902	QPLGN1278GEZZ		Plug, 12Pin	AC
	C924 C925	VCEA0A1AW108M+ RC-EZ1075CEZZ	· V 1000 10\ · V 2200p 10\	,		W901	PRDAF5021AJFW		Heat Sink, Q901	AE
	C927	VCQYTA1HM104K+		,	^~	W902 W908	XBPSD30P10KS0 PRDAR0083PEFW		Screw Heat Sink, IC908	AA AD
	C928	VCQYTA1HM104K+	V 0.1 50\	√ Mylar	AC	W909	XBPSD30P10KS0		Screw	AA
	C929	VCEA0A2AW106M+		V Electrolytic	AC			-		
	C932 C935	VCEA0A1EW108M+		,	AD AD					
	C936	VCEA0A1AW228M VCEA9M1HW105M+		/ Electrolytic / Electrolytic	AB					
	C937	VCEA9M0JW476M+		V Electrolytic	AB					
	C938	VCEA9M1HW105M+		/ Electrolytic	AB					
	C939	VCEA9M0JW476M+		V Electrolytic	AB					
	C944 C945	VCEA0A1HW107M+ VCEA9M1CW107M+		•	AB AB					
	C946	VCEA9M1HW225M+		,	AB					
	C948	VCEA9M0JW227M+	V 220 6.3	V Electrolytic	AB					
	C949	VCEA9M1HW105M+			AB					
	C950 C952	VCEA9M0JW476M+ VCEA9M1CW226M+		V Electrolytic V Electrolytic	AB AB					
	JJJ2	- OLAGINI TOVVEZONIT	• <u></u> 10\	Liootiolytic	, 10					
			SISTORS							
	<u>↑</u> R901	VRD-RA2EE474JY RR-HZ0014GEZZY	V 470k 1/4V V 12M 1W	V Carbon Alumina Ceramic	AA AE					
	<u>1</u> R902 <u>1</u> R903	VRS-CY1JF564JY	V 12IVI 1VV V 560k 1/16							
	<u>11</u> 11305 <u>11</u> R905	VRD-RM2HD222J	V 2.2k 1/2V		AA					
7	<u>↑</u> R907	VRD-RA2HD184J	V 180k 1/2V		AA					
	<u>↑</u> R908	VRD-RA2HD184J	V 180k 1/2V		AA					
2	<u>1</u> R910 R911	VRN-VV3DB1R0J VRD-RA2BE273JY	V 1 2W V 27k 1/8V	Metal Film V Carbon	AB —					
	R912	VRS-CY1JF223JY	V 22k 1/16				MECHANISM F	Α	RTS (DVD PART)	
	R914	VRS-CY1JF683JY	V 68k 1/16							
	R917	VRS-CY1JF223JY	V 22k 1/16			401	CMECD0211HJV2	٧/	Mecha Chasis Ass'y	BS
	R919 R921	VRS-CY1JF101JY VRS-CY1JF102JY	V 100 1/16 V 1k 1/16		, , ,	401-1	LX-BZ3189GEZZ		Guide Axis Pressing	AB
	R923	VRD-RA2BE102JY	V 1k 1/8V		AA				Screw, x4	
	R924	VRS-CY1JF102JY	V 1k 1/16	W Metal Oxide	/ V \	401-2	NGERH1330AJZZ		Relay Gear1	AC
	R925	VRS-CY1JF102JY	V 1k 1/16		, , ,	401-3 401-4	NGERH1341AJ00 LX-WZ1030GE00		Relay Gear2 Relay Gear Washer	AC AA
	R926 R927	VRD-RA2BE121JY VRS-CY1JF332JY	V 120 1/8V V 3.3k 1/16		, , ,	401-5	LX-WZ1030GE00 LX-BZ3163GEFN		Motor Screw, x2	AC
	R928	VRD-RA2BE102JY	V 1k 1/8V			401-6	QSW-M0066AJZZ		In SW	AD
	R929	VRS-CY1JF100JY	V 10 1/16		AA	401-7	DUNTKB233TEV1		0.000.0	 -
	R931	VRS-CY1JF102JY	V 1k 1/16		$\Lambda\Lambda$	401-8	RMOTV2022AJZZ		Sled Motor	AK
	R932	VRS-CY1JF562JY VRD-RA2BE103JY	V 5.6k 1/16 V 10k 1/8V		, , ,	401-9 401-10	NGERH1333AJZZ NGERR1021AJZZ		Sled Motor Gear Double Action Rack	AB AC
	R933 R934	VRD-RM2HD102JY			, u t		MSPRC0244AJZZ		Rack Spring	AB
	R935	VRS-CY1JF103JY	V 10k 1/16		AA	401-12	NGERR1024AJZZ	٧	Rack	AC
	R936	VRD-RA2BE221JY	V 220 1/8V		, , ,		LX-HZ0083TAFF		Rack Fixing Screw	AA
	R937	VRS-CY1JF103JY	V 10k 1/16		$\Lambda\Lambda$	401-14 409	QPLGN0680GEZZ PCUSG0126AJZZ		Plug Insulator, x4	AB AD
	R938 R939	VRD-RA2BE221JY VRD-RA2BE103JY	V 220 1/8V V 10k 1/8V		, , ,	410	LX-HZ3117AJZZ		Traverse Fixing Screw, x6	AC
	R940	VRD-RA2BE102JY	V 1k 1/8V		AA	413	QCNW-8552AJZZ	٧	Sled Wire	AF
	R941	VRD-RA2BE103JY	V 10k 1/8V	V Carbon	AA	418	QCNW-A362WJZZ		Pickup Relay FFC	AD
	R942	VRD-RA2BE102JY	V 1k 1/8V		, , ,	419 420	MSLiP0014AJZZ LHLDZ2144AJZZ		Slide Rack Traverse Holder	AD AD
	R943 R944	VRS-CY1JF683JY VRS-CY1JF102FY	V 68k 1/16 V 1k 1/16		, , ,	421	QCNW-8375AJZZ		Loading Wire	AD
	R945	VRS-CY1JF222FY	V 1k 1/10 V 2.2k 1/16		AA	422	LHLDW1033CE00	٧	Nylon Band Holder	AA
	R946	VRS-CY1JF681FY	V 680 1/16		AA	423	RMOTM1097AJZZ		Loading Motor	AM
	R947	VRS-CY1JF272FY	V 2.7k 1/16		, , ,	424	NPLYM0001AJZZ		Loading Motor Pulley	AΒ
	R950	VRS-CY1JF222JY	V 2.2k 1/16		, , ,	425 426	QSW-B0011AJZZ NBLTK0068AJZZ		Loading Motor Switch Loading Belt	AE AD
	R952 R956	VRD-RA2BE222JY VRS-CY1JF472JY	V 2.2k 1/8V V 4.7k 1/16		, , ,	427	NGERH1332AJZZ		Pulley Gear	AC
	R957	VRS-CY1JF104JY	V 100k 1/16		AA	428	NGERP1016AJZZ	٧	Tray Pinion	AC
						429	LCHSMA001WJZZ		Base Chassis	AL
	A ===:		LUNES			431 432	LCRA-0012GEZZ LX-WZ0102GEFD		Disc Clamper York Washer	AF AB
	î ∖ FB901	RBLN-0090GEZZY	v Balun, BLI		AD	432	PMAGS1001GEZZ		Clamper Magnet	AF
۷	—	DDI NI AAAAACEZZY	V Balue Di							
۷	FB921	RBLN-0090GEZZY RBLN-0090GEZZY			AB	434	GCOVA2164AJZZ	٧	Tray	AH
۷	FB921	RBLN-0090GEZZY RBLN-0090GEZZY			AB			٧		

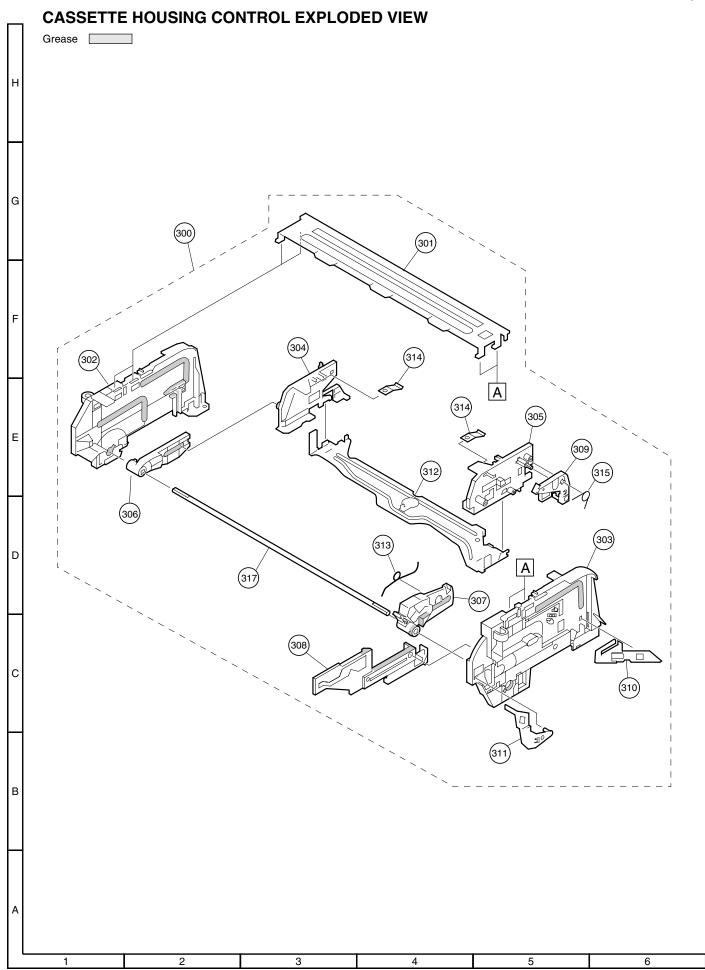
Ref. No.	Part No.	*	Description	Code	Ref. No.	Part No.	*	Description	Code
	MECHANISM F	ΡΑΙ	RTS (VCR PART)		203	LX-HZ3082GEZZ	٧	Screw WSW 2.6+6(AC)	AD
			,		204	XJPSD26P06000	٧	Screw 2.6+6S(CAPST), x3	AA
					205	LX-RZ3015GEFJ	٧	CS Washer, x2	AB
501	LBNDK1021AJZZ		Tension Band Ass'y	AC	208	XRESJ30-06000	٧	E-Ring(E-3)	AA
502	LBOSZ1022AJZZ		Tension Arm Boss	AB	209	XWHJZ31-03052	٧	Washer W3.1 P-5.2-0.3, x2	AC
504	LBOSZ1006AJZZ	٧	Cassette Stay L	AD	210	XWHJZ31-04052	٧	Washer W3.1 P-5.2-0.4, x2	AC
505	LCHSM0186AJZZ		Main Chassis Ass'y	AQ	211	XWHJZ31-05052	٧	Washer W3.1 P-5.2-0.5, x2	AC
506	LHLDZA049WJZZ		Loading Motor Block	AD	212	XWHJZ31-06052	٧	Washer W3.1 P-5.2-0.6, x2	AC
507	LPOLM0085GEZZ		Supply Pole Base Ass'y	AF	213	XWHJZ31-07052	٧	Washer W3.1 P-5.2-0.7, x2	AC
508	LPOLM0086GEZZ		Take-up Pole Base Ass'y	AF	214	XWHJZ31-08052	٧	Washer W3.1 P-5.2-0.8, x2	AC
509	MLEVF0544AJZZ		Tension Arm Ass'y	ΑE	215	XHPSD26P05WS0	٧	Loading Motor Block Screw	AC
510	MARMP0061AJZZ		Take-up Loading Arm	AC	216	LX-WZ1041GE00		Washer CW 2-6-0.5	AA
511	MARMP0062AJZZ	٧	Supply Loading Arm	AC	219	LX-WZ1098GE00	٧	Washer CW 2.6-4.7-0.5	AB
512	MLEVF0545GEZZ	٧	Pinch Roller Lever Ass'y	AM	221	XBPSD26P06000	V	Azimuth Adjusting Screw	AA
513	NBRGP0031AJZZ	٧	Pinch Guide Bearing	AB	222	XBPSD26P14000		A/C Head Screw	AA
516	LANGFA008WJFW	٧	A/C Head Plate	AD	224	XBPSD30P06000	٧	Screw 3P+6S(DRM FIX), x3	AA
517	LHLDW1895AJZZ	٧	A/C Head FFC Holder	AB				, , ,	
518	MLEVP0347AJZZ	٧	Pinch Double Action Lever	AC					
519	MLEVP0344AJZZ	٧	Reverse Guide Lever Ass'y	ΑE					
520	MLEVP0342AJZZ		Take-up Loading Link	AB					
521	MLEVP0343AJZZ	٧	Supply Loading Link	AB					
523	MLEVP0346AJZZ		Clutch Lever	AC	C	ASSETTE HOUS	IN	G CONTROL PARTS	;
524	MLEVP0348AJZZ	٧	Supply Main Brake	AB	·				
525	MLEVP0349AJZZ		Take-up Main Brake Ass'y	/ AC					
527	MSLiP0016AJZZ		Sifter	AD	300	CHLDX3083TEV1	٧	Cassette Housing	AP
528	MSPRDA006WJFJ		Reverse Guide Spring	AB				Control Ass'y	
529	MSPRD0213AJFJ	٧	Take-up Loading Double	AB	301	LANGF9661AJFW	٧	Upper Plate	AD
			Action Spring		302	LHLDX1049AJ00	٧	Frame (L)	AD
530	MSPRD0214AJFJ	٧	Supply Loading Double	AB	303	LHLDX1050AJ00	٧	Frame (R)	ΑE
			Action Spring		304	LHLDX1051AJZZ	٧	Holder (L)	AC
531	MSPRT0439AJFJ	٧	Pinch Double Action Spring	AB	305	LHLDX1052AJZZ	٧	Holder (R)	AC
532	MSPRT0438AJFJ		Main Brake Spring	AB	306	MARMP0063AJZZ	٧	Drive Arm L	AB
533	MSPRT0416AJFJ		Tension Spring	AD	307	MARMP0064AJZZ	٧	Drive Arm R	AC
534	NBLTK0069AJ00		H-Reel Belt	AC	308	MLEVP0350AJZZ		Drive Lever	AD
535	NDAiV1093AJ00		Reel Disc, x2	AC	309	MLEVP0351AJZZ		Proof Lever	AC
536	NGERH1342AJZZ		Loading Connect Gear	AB	310	MLEVP0352AJ00		Sensor Plate	AB
537	NGERH1344AJZZ		Master Cam	AD	311	MLEVP0353AJ00		Open Lever	AB
538	NGERH1343AJZZ		Synchro Gear	AB	312	MSLiF0079AJFW		Slider	AD
541			Pinch Drive Cam	AC	313	MSPRD0212AJFJ		Drive Arm Spring	AB
	NGERH1345AJZZ				314	MSPRP0175AJFJ		Cassette Spring, x2	AE
543	NGERH1299AJZZ		Reel Relay Gear, x2	AE	315	MSPRD0215AJFJ		Proof Lever Spring	AB
544	NGERW1081AJZZ		Worm Gear	AB	317			Main Shaft	AD
545	NGERW1082AJZZ		Worm Wheel Gear	AC	317	NSFTD0065AJFD	٧	Main Shari	AD
546	NiDR-0036AJZZ		Idler Ass'y	AD					
548	NPLYV0173AJZZ		Limitter Pulley Ass'y	AF					
549	NROLP0131GEZZ		Guide Roller, x2	AL					
551	MSPRC0217AJFJ		Guide Roller Spring, x2	AC	 Replacir 	ng the AHC (Auto H	lea	d Cleaner)	
552	PREFL1025AJZZ		Light Guide	AC					
553	QCNW-A245WJZZ		FFC for Drum Motor	AE		f	2 27	3	
555	QCNW-A247WJZZ		FFC for A/C Head	AD		Υ	≼∖	A	
556	QPWBFB112WJZZ		A/C Head PWB	AC			L	TU	
558	RHEDTA001WJZZ		Full Erase Head	AH			9	L Hook	
559	RHEDUA002WJZZ		A/C Head Ass'y	AP		e	T,		
560	RMOTMA001WJZZ			AK		l	[
561	RMOTNA001WJZZ		Capstan Motor	AX			~	6	
562	RMOTP1139GEZZ		Drum Drive Motor	ΑT		(a % & E	≥ 2	4	
563	DDRMW0043TEX2		Upper and Lower Drum Ass'y	BH				i¥	
564	QCNW-A244WJZZ	٧	Loading Motor Wire	AB			1	↓ Hook	
565	QBRSK0041GEZZ	٧	Drum Earth Brush Ass'y	AD			1) >		
566	XBPSD26P04500		Screw 2.6P+4.5S(D/M), x6	AB			1//	(W)×	
567	PGiDM0187AJZZ		Open Guide	AC		O. M.	΄.	<u>ت</u>	
570	MSPRC0228AJFJ		Azimuth Spring	AB			•	<u> </u>	
571	MSPRC0224AJFJ		Height Adjusting Spring	AC				5	
572	LHLDW1894AJZZ		R/T FFC Holder	AB	• How to re	emove			
573	MLEVP0355AJZZ		H-Auto Head Cleaner Ass'y	AC			ire	ction of (2), lifting the hook	of the H-
574	MSPRC0213AJFJ		Earth Spring	AC	AHC ass the H-AH	s'y in the direction of (HC ass'y in the direct	(1).	When the hook is undone	
					 How to in Insert the 	nstall e H-AHC ass'y into th	ne l	nole on the chassis in the	
	SCREW, NUT	S	AND WASHERS			d turn it in the direction of the H-AHC ass'y		of (5). Check that the chase e engaged.	ssis hook
						when replacing			
201	XBPSD26P08000	V	A/C Head Screw 2.6P+8S	AA				ontact with the drum.	
202	LX-BZ3096GEFD		Tilt Adjusting Screw	AA		ontaminate the cleane	er se	ection of the AHC ass'y with	h grease,
		•	rajasg coron		etc.				

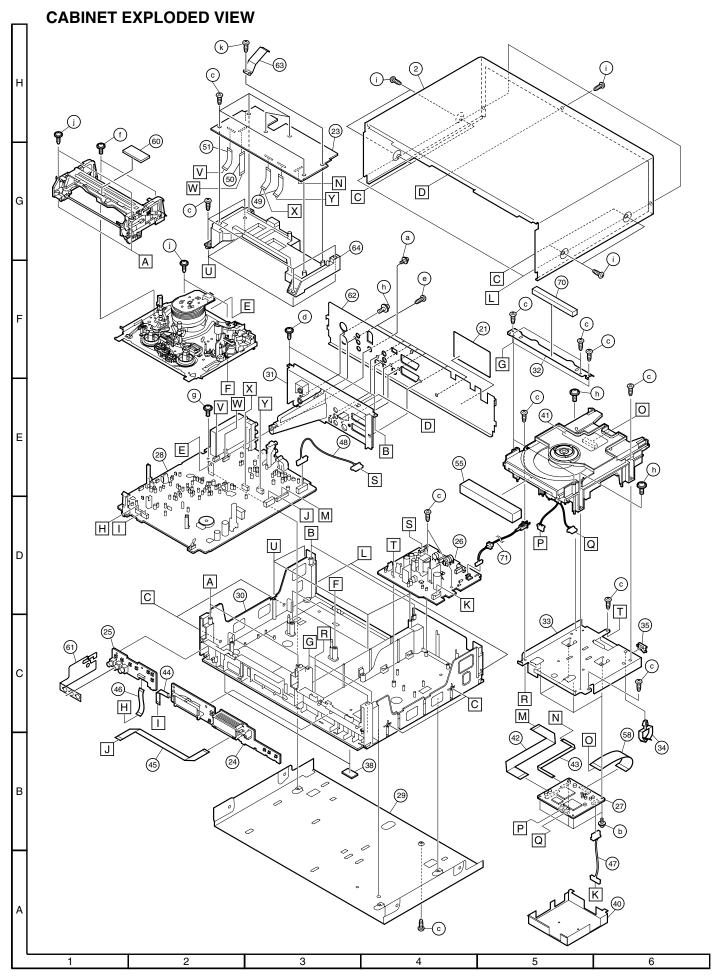
Ref. No.	Part No.	*	Description	Code	Ref. No.	Part No.	*	Description	Code				
	CABIN	ΙE	T PARTS		FRONT PANEL PARTS								
2	CCABAA093TEV1		Top Cabinet Ass'y		600	CPNLCA044TEV1	U	Front Panel Ass'y					
21	TLABM0167UMZZ		Model Label			0011101011		(NC70H)					
23	DUNTKB372TEV1		Terminal PWB Unit	_	600	CPNLCA044TEV2	U	Front Panel Ass'y					
24	DUNTKB374TEV1		DVD Operation PWB Unit	_				(NC65H)					
25	DUNTKB375TEV1		VCR Operation PWB Unit	_	600	CPNLCA044TEV5	U	Front Panel Ass'y					
26	DUNTKB376TEV1		Power PWB Unit	_		0071101777710		(NC65S)					
27	DUNTKB209TE6H		DVD Main PWB Unit	_	600-A	CBTN-3177TEV2		Selector Button Ass'y	. –				
28	DUNTKB210TEV4	_	VCR Main PWB Unit		600-1	HDECQA033WJSA		Selector Button Dec.	ΑE				
00	DUNTKRO4 OTEVE		(NC70H)		600-2	HDECQA011WJSA		3	AE				
28	DUNTKB210TEV5	_	VCR Main PWB Unit	_	600-3	JBTN-3177AJSA		Selector Button	AD				
	DUNTKRO4 OTEV		(NC65H)		600-4	PSHEPA001WJZZ		DEF Sheet	AC				
28	DUNTKB210TEV7	_	VCR Main PWB Unit	_	600-5	HDECQ2321AJSA		LED Cover	AC				
00	0000///4007/4//5/4/	٠,	(NC65S)		600-6			Cassette Flap(NC65H)					
29	GBDYUA007WJFW			AM	600-6			Cassette Flap(NC70H)					
30	GCABB1254AJNZ		Main Frame	AS	600-6			Cassette Flap(NC65S)					
31	GCOVAA099WJZZ		Antenna Terminal Cover	40	600-7			Front Dec.(NC70H)					
32	LANGF9654AJFW		DVD REINF. Angle	AC	600-7			Front Dec.(NC65H/S)	A 1 1				
33	LANGF9662AJFW		Angle(DVD)	AE	600-8	HDECQA031WJSA		Window Dec.	AH				
34	LHLDW1072GEZZ		Wire Holder	AA	600-9	HINDPA041WJSA		Indicator(VCR)	AC				
35	LHLDW1151AJZZ		Edge Holder	AC		HINDPA042WJSA		Indicator(DVD)	AD				
38	PGUMS0026AJZZ		Foot Rubber, x2	AB	600-11	JBTN-A017WJSA	٧	VCR Mode Button	ΑE				
40	PSLDM4595AJFW		DVD Shield(lower)	AD	000.44	IDTN AGATIMICO		(NC65H/S)					
41	TLABSA005WJZZ		L-Caution Label	AB	600-11	JBTN-A017WJSC	U	VCR Mode Button					
42	QCNW-A692WJZZ		Connecting Cord	AF				(NC70H)	. –				
43	QCNW-A762WJZZ		Connecting Cord		600-12	JBTN-3175AJSA	V	DVD Mode Button	ΑE				
44	QCNW-A358WJZZ		Connecting Cord	AD				(NC65H/S)					
45	QCNW-A765WJZZ			ΑE	600-12	JBTN-3175AJSD	U	DVD Mode Button					
46	QCNW-A360WJZZ			AC				(NC70H)					
47	QCNW-A361WJZZ			AG		MSPRD0105AJFJ		Cassette Flap Spring	AB				
48			Connecting Cord(PWR-VCR)	AG	600-14	PGUMS0042AJZZ	V	Spacer	AA				
49	QCNW-A596WJZZ		Connecting Cord, x2										
50	QCNW-A597WJZZ		Connecting Cord										
51	QCNW-A598WJZZ		Connecting Cord										
55	HDECQA032WJSA	V	Tray Decoration Cover	AF		SUPPLIED	Α	CCESSORIES					
			(NC65H/S)										
55	HDECQA032WJSC	U	Tray Decoration Cover										
			(NC70H)			QCNW-7870UMZZ	V	RF Cable	AH				
58	QCNW-A362WJZZ		Pickup Relay FFC	AD		QCNW-8077UMZZ	V	21 Pin Cable	ΑU				
60	PSPAZA074WJZZ		Spacer			RRMCGA054WJSA	U	Remote Control Unit	AW				
61	QEARPA017WJFW							(NC70H)					
62			Rear Panel (NC70H)			RRMCGA055WJSA	U	Remote Control Unit	AW				
62			Rear Panel (NC65H/S)					(NC65S)					
63	QEARPA046WJFW					RRMCGA069WJSA	U	Remote Control Unit	AW				
64	LHLDZA052WJZZ		Rear PWB Holder					(NC65H)					
70	PSPAZA031WJZZ		DVD Spacer	AD		TiNS-A220WJZZ		Operation Manual(NC70H)	AS				
<u> </u>	QACCV2009AJZZ		AC Cord(NC65S)	AM		TiNS-A221WJZZ		Operation Manual(NC70H)	AC				
<u> </u>	QACCB5014UMZZ	U	AC Cord(NC65H/70H)			TiNS-A222WJZZ	U	Operation Manual(NC65H)	AS				
						TiNS-A223WJZZ		Operation Manual(NC65H)	AC				
а	LX-HZ3087GEFN		Screw for Mecha/Ant.	AB		TiNS-A268WJZZ		Operation Manual(NC65S)	AS				
b	LX-HZ3099GEFD		Screw for DVD Main, x4	AB		TiNS-A269WJZZ	U	Operation Manual(NC65S)	AC				
С	XEBSD30P12000	V	Screw for DVD/Mecha, x20	AA									
d	XEPSD30P14XS0		Screw for Mecha&Ant, x2	AB									
е	XEPSF30P12000	V	Screw for Rear Panel, x6	AA		100	_	2000					
е	(NC65H/S)					ACCESSORY (NOT REPLACEMENT ITEM)							
f	XHPSD26P06WS0	٧	(NC70H) Screw for Casssete	AA		TGAN-3170UMZZ	_	Guarantee Card	_				
g	XHPSD30P06WS0		Control, x2 Screw for VTR Main/BTM	AA									
h	XHPSF30P10WS0		Screw, x3	AA		DAOK	INI	O DADTO					
i	LX-HZ3096GEZZ		Screw for Top Cab, x7	AB				G PARTS					
j k	XEPSD30P14XS0 XEBSD30P12000		Screw for Mecha/PNL, x4 Screw for Earth Plate	AB AA		(NOT REPL	40	CEMENT ITEM)					
						SPAKCA168WJZZ	-	Packing Case (NC70H)	_				
						SPAKCA169WJZZ	-	Packing Case (NC65H/S)	_				
						SPAKP0002UMZZ	_	Wrapping Paper	_				
						SPAKX1144UMZZ		Packing Add. (Front)	_				
						SPAKX1144UMZZ SPAKX1146UMZZ		Packing Add. (Rear)	_				
						OF ALL THOUGHE	_	i acking Add. (116al)	_				
						TLABK0016UMZZ	_	Label					

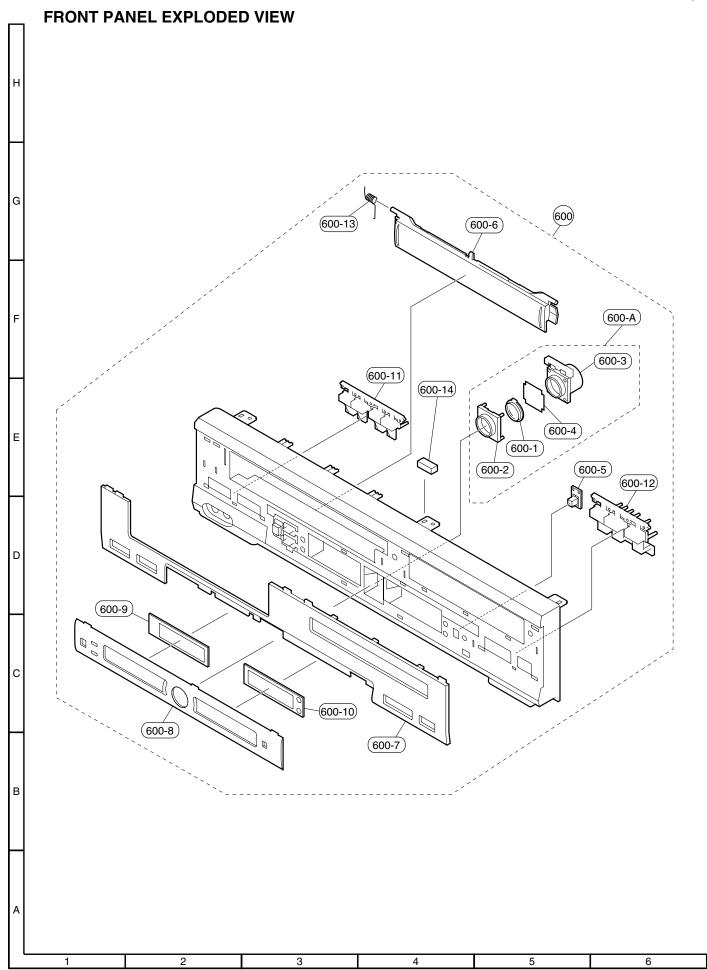
MECHANISM EXPLODED VIEW (DVD PART)



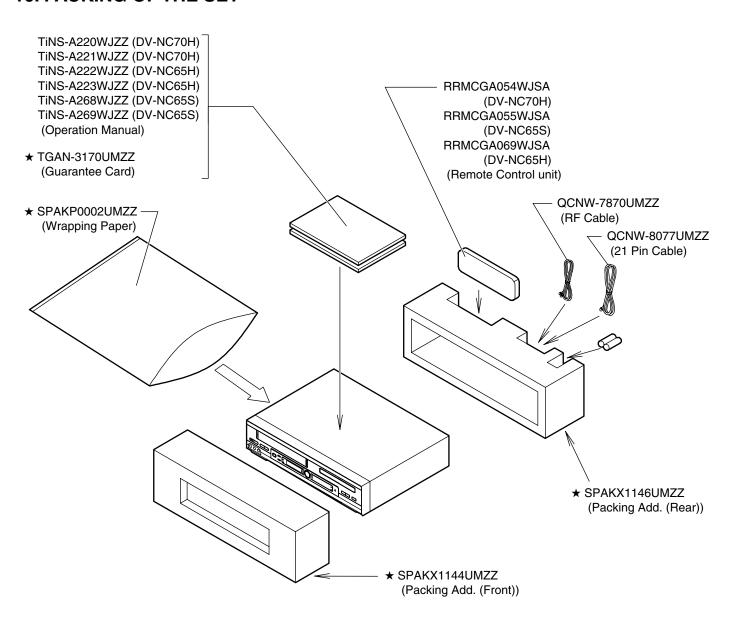


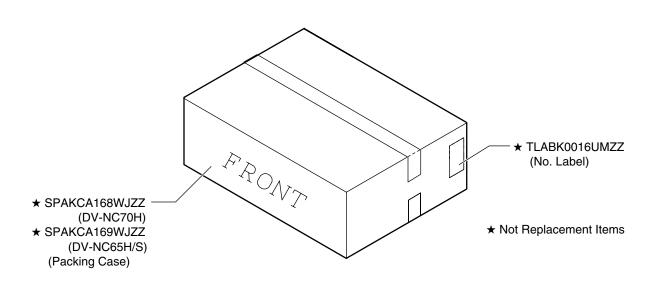






16. PACKING OF THE SET





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